



Mikromol™

Together, beyond the standard.

High quality reference standards for
the pharmaceutical industry.

Mikromol New Products 2023 | Issue 1.0

QUALITY ISO 17034 | ISO/IEC 17025
ISO 9001 | GMP

lgcstandards.com/mikromol



Welcome to Mikromol. We work with you to provide better, safer medicines.

For more than 29 years Mikromol has produced high quality reference standards used in the pharmaceutical industry for:—

Analytical development

- Method validation
- Stability and release testing

Our new reference standards:

Primary API and impurity reference standards (in alphabetical order by API)

A to B

C to D

E to G

H to L

M to N

O to P

Q to S

T to Z

A-1 to A-9

A-9 to A-117

A-17 to A-23

A-24 to A-32

A-32 to A-36

A-36 to A-40

A-40 to A-47

A-47 to A-52

Need any help?

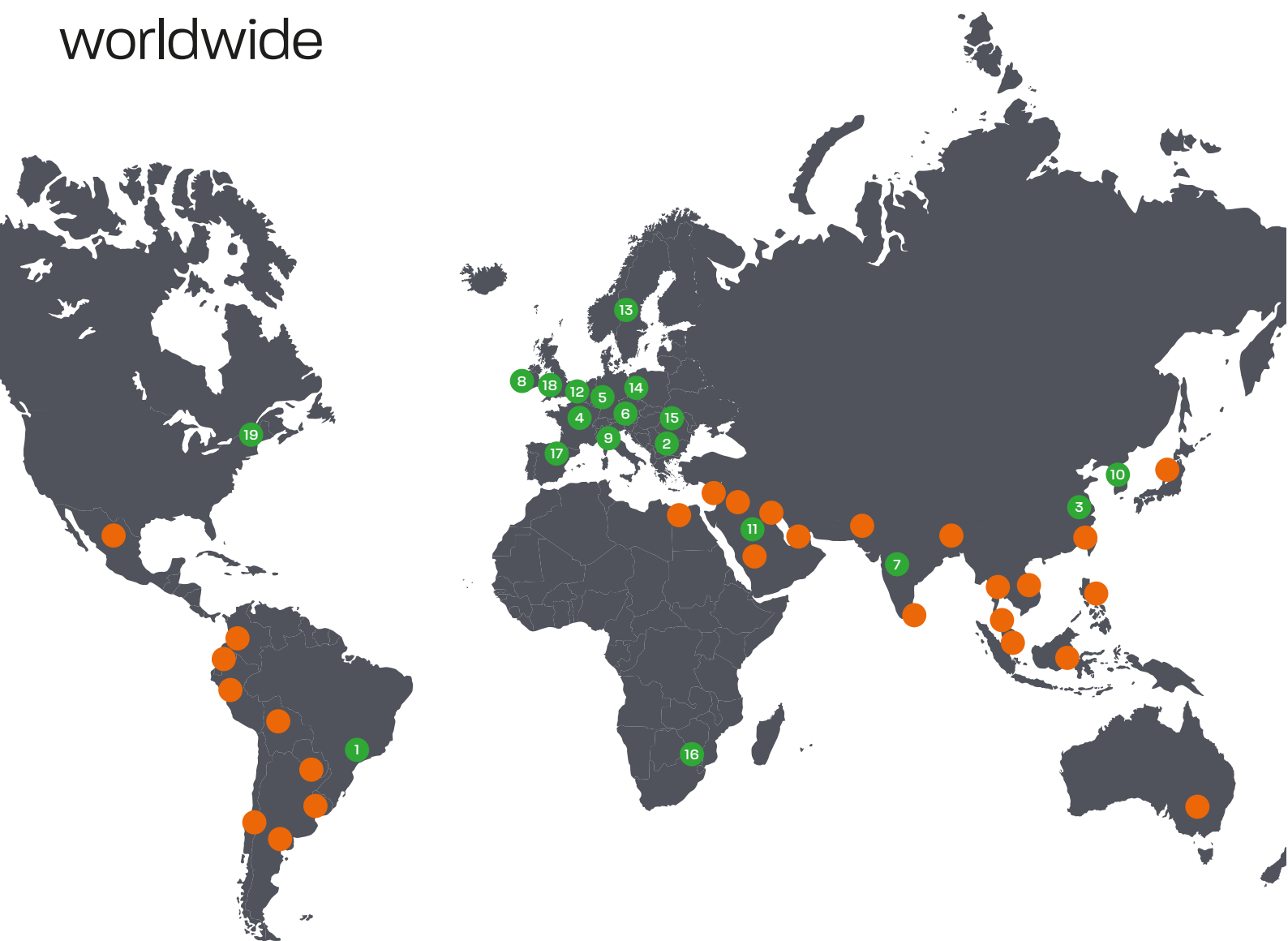
Our technical team at mikromol@lgcgroup.com and our customer service advisers across the globe are ready to answer your questions.

You can find the contact details for your local sales office [here](#).



Mikromol™

worldwide



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- Sales Office
- Distributor

Our reference standards

Primary API and impurity reference standards.

Our primary API reference standards are manufactured according to ISO/IEC 17025 and an increasing number are accredited to ISO 17034. All come with a detailed Certificate of Analysis, which includes identity checks by several qualitative techniques.

Assay information is provided by an ISO/IEC 17025-accredited absolute technique, and the assay is confirmed by a second independent method, usually mass balance.

Limit and threshold values are required by official bodies as well as by legislation to detect, identify, quantify and qualify impurities in accordance with ICH Guidelines.

Mikromol impurity standards are high-quality materials, which include a Certificate of Analysis containing detailed identity information, as well as an assay value determined by mass balance or by an ISO/IEC 17025-accredited absolute technique, such as qNMR or C-titration.



For further guidance on impurities please read the relevant ICH documentation available on ICH.org

ICH Q3A (R1)

Impurities in New Drug Substances

ICH Q3B (R2)

Impurities in New Drug Products

ICH Q3C (R5)

Impurities: Guideline for Residual Solvents

ICH Q3D

Impurities: Guideline for Elemental Impurities



It's easy to order at:



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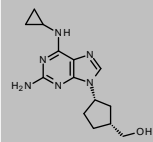
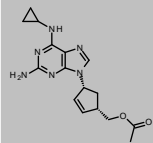
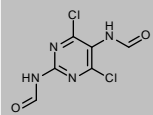
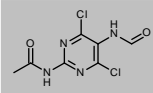
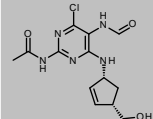
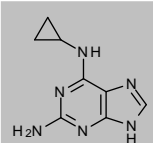
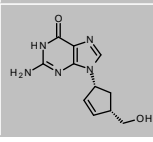
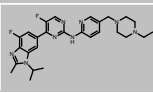
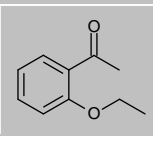
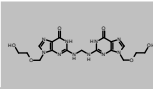
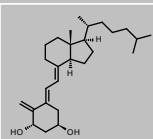
Technical questions?

mikromol@lgcgroup.com

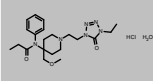
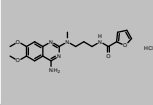
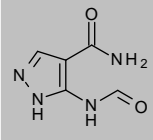
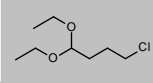
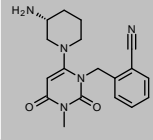
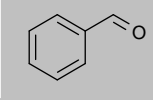
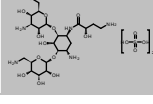
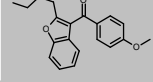
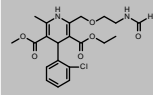
View your local office [here](#)

Formation of Omeprazole Sulphone by oxidative degradation of Omeprazole. (Imp. D (EP): 5-Methoxy-2-[[[4-methoxy-3,5-dimethylpyridin-2-yl]methyl]sulphonyl]-1H-benzimidazole (Omeprazole Sulphone), MM0095.05)

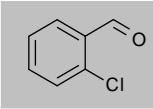
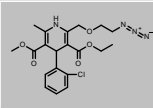
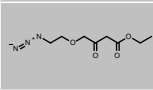
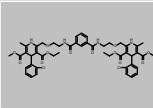
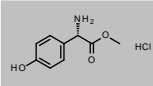
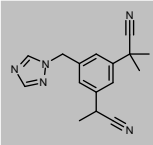
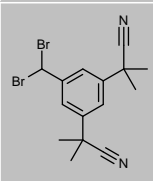
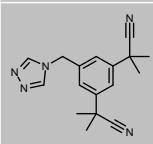
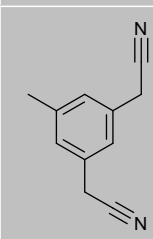
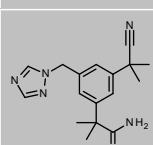
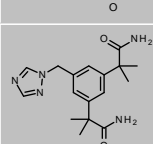
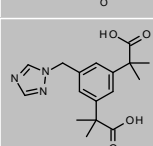
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Abacavir Sulfate					
MM3249.10-0025	Impurity E (EP): [(1 <i>R</i> ,3 <i>S</i>)-3-[2-Amino-6-(cyclopropylamino)-9 <i>H</i> -purin-9-yl]cyclopentyl]methanol	208762-35-0		25mg	
MM3249.06-0025	O-Acetylacavir	178456-36-5		25mg	
MM3249.12-0025	4,6-Dichloro-2,5-diformamidopyrimidine	116477-30-6		25mg	
MM3249.16-0025	<i>N</i> -(4,6-Dichloro-5-formamidopyrimidin-2-yl)acetamide	136470-91-2		25mg	
MM3249.17-0025	<i>N</i> -[4-Chloro-5-formamido-6-[[[(1 <i>R</i> ,4 <i>S</i>)-4-(hydroxymethyl)cyclopent-2-en-1-yl]amino]pyrimidin-2-yl]acetamide	136522-32-2		25mg	
MM3249.18-0025	2-Amino-6-(cyclopropylamino)-9 <i>H</i> -purine	120503-69-7		25mg	
MM3249.20-0025	(-)-Carbovir	120443-30-3		25mg	
Abemaciclib					
MM3932.00-0250	◆ Abemaciclib	1231929-97-7		250mg	
Acebutolol Hydrochloride					
MM0877.16-0100	2-Etoxyacetophenone	2142-67-8		100mg	
Aciclovir (Acyclovir)					
MM0061.21-0025	Impurity K (EP): 2,2'-[Methylenediimino]bis[9-[(2-hydroxyethoxy)methyl]1,9-dihydro-6 <i>H</i> -purin-6-one]	1797131-64-6		25mg	
Alfalcidol					
MM3002.01-0025	Impurity A (EP): (1 <i>S</i> ,3 <i>R</i> ,5 <i>E</i> ,7 <i>E</i>)-9,10-Secocholesta-5,7,10(19)-triene-1,3-diol (<i>trans</i> -Alfalcidol)	65445-14-9		25mg	

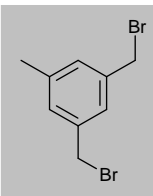
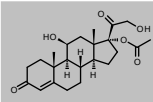
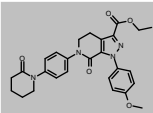
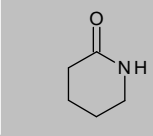
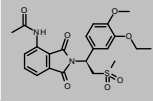
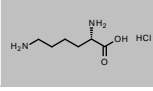
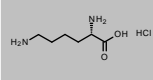
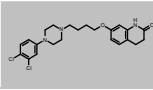
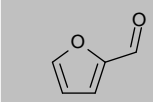
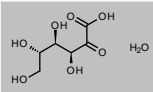
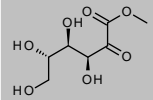
Pharmaceutical APIs and impurities

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Alfentanil Hydrochloride Hydrate					
MM0234.00-0250	◆ Alfentanil Hydrochloride Monohydrate	70879-28-6	CS	250mg	
Alfuzosin Hydrochloride					
MM1004.01-0025	Impurity A (EP) as Hydrochloride: <i>N</i> -[3-[(4-Amino-6,7-dimethoxyquinazolin-2-yl)methylamino]propyl]furan-2-carboxamide Hydrochloride	98902-29-5		25mg	
Allopurinol					
MM0034.03-0025	5-(Formylamino)-1 <i>H</i> -pyrazole-4-carboxamide Related compound B (USP): 5-(formylamino)-1 <i>H</i> -pyrazole-4-carboxamide	22407-20-1		25mg	
Almotriptan Malate					
MM3978.10-0100	4-Chloro-1,1-diethoxybutane (4-Chlorobutylaldehyde Diethyl Acetal)	6139-83-9		100mg	
Alogliptin					
MM3928.00-0250	‡ Alogliptin	850649-61-5		250mg	
Amfetamine Sulfate (Amphetamine Sulfate)					
MM0528.05-0500	Impurity D (EP): Benzaldehyde	100-52-7		500mg	
Amikacin Sulfate					
MM1279.00-0250	Amikacin Sulfate	39831-55-5		250mg	
Amiodarone Hydrochloride					
MM0697.15-0100	(2-Butylbenzofuran-3-yl)(4-methoxyphenyl)methanone	83790-87-8		100mg	
Amlodipine Besilate					
MM0383.14-0025	<i>O</i> 3-Ethyl <i>O</i> 5-Methyl 4-(2-Chlorophenyl)-2-(2-formamidoethoxymethyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate (<i>N</i> -Formylamlodipine)	93848-81-8		25mg	

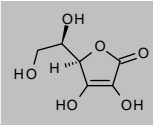
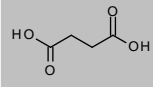
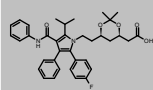
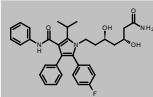
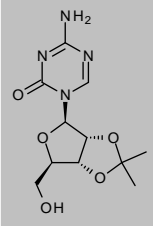
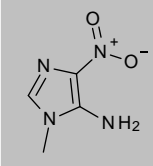
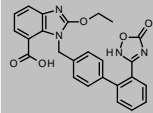
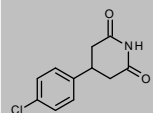
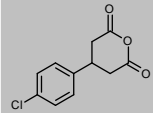
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0383.16-0500	2-Chlorobenzaldehyde	89-98-5		500mg	
MM0383.18-0025	2-[(2-Azidoethoxy)methyl]-4-(2-chlorophenyl)-3-(ethoxycarbonyl)-5-(methoxycarbonyl)-6-methyl-1,4-dihydropyridine	88150-46-3		25mg	
MM0383.20-0100	Ethyl 4-(2-Azidoethoxy)-3-oxobutanoate	88150-45-2		100mg	
MM0383.25-0025	N1,N3-Di[2-[[4-(2-Chlorophenyl)-3-ethoxycarbonyl-5-methoxycarbonyl-6-methyl-1,4-dihydropyridin-2-yl]methoxy]ethyl]benzene-1,3-dicarboxamide	2309467-38-5		25mg	
Amoxicillin Trihydrate					
MM0232.25-0025	Methyl (2S)-Amino(4-hydroxyphenyl)ethanoate Hydrochloride	127369-30-6		25mg	
Anastrozole					
MM1250.05-0100	Impurity A (EP): 2-[3-[(1RS)-1-Cyanoethyl]-5-(1H-1,2,4-triazol-1-ylmethyl)phenyl]-2-methylpropanenitrile	1215780-15-6		100mg	
MM1250.07-0025	Impurity D (EP): 2,2'-[5-(Dibromomethyl)benzene-1,3-diyl]bis(2-methylpropanenitrile)	1027160-12-8		25mg	
MM1250.08-0025	Impurity G (EP): 2,2'-[5-(4H-1,2,4-Triazol-4-ylmethyl)benzene-1,3-diyl]bis(2-methylpropanenitrile) (Isoanastrozole)	120511-92-4		25mg	
MM1250.10-0025	5-Methylbenzene-1,3-diacetonitrile	120511-74-2		25mg	
MM1250.12-0025	2-[3-(2-Cyanopropan-2-yl)-5-(1H-1,2,4-triazol-1-ylmethyl)phenyl]-2-methylpropanamide	120512-03-0		25mg	
MM1250.13-0025	2,2'-[5-(1H-1,2,4-Triazol-1-yl)methyl]benzene-1,3-diyl]bis(2-methylpropanamide)	120512-04-1		25mg	
MM1250.15-0025	2,2'-[5-(1H-1,2,4-Triazol-1-yl)methyl]benzene-1,3-diyl]bis(2-methylpropanoic Acid)	1338800-81-9		25mg	

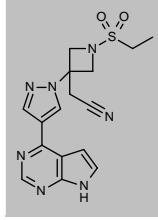
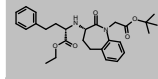
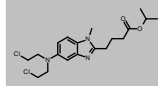
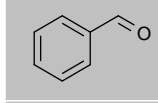
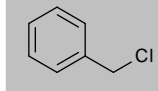
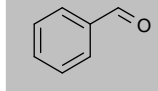
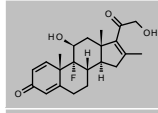
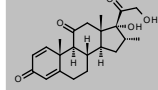
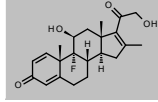
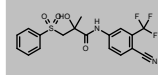
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM1250.17-0025	5-Methyl-1,3-bis(bromomethyl)benzene	19294-04-3		25mg	
Anecortave Acetate					
MM0187.01-0025	Hydrocortisone 17-Acetate	16463-74-4		25mg	
Apixaban					
MM3754.01-0025	Apixaban Ethyl Ester	503614-91-3		25mg	
MM3754.03-0100	δ-Valerolactam	675-20-7		100mg	
Apremilast					
MM3907.00-0250	‡ Apremilast	608141-41-9		250mg	
Arginine					
MM1521.00-0250	‡ Impurity A (EP) as Hydrochloride: (2S)-2,6-Diaminohexanoic Acid Hydrochloride (L-Lysine Hydrochloride)	657-27-2		250mg	
Arginine Hydrochloride					
MM1521.00-0250	‡ Impurity A (EP) as Hydrochloride: (2S)-2,6-Diaminohexanoic Acid Hydrochloride (L-Lysine Hydrochloride)	657-27-2		250mg	
Aripiprazole					
MM0961.30-0025	7-[4-[4-(3,4-Dichlorophenyl)-1-piperazinyl]butoxy]-3,4-dihydro-2(1H)-quinolinone	203395-75-9		25mg	
Ascorbic Acid					
MM0397.02-0500	Impurity A (EP): 2-Furaldehyde (Furane-2-carbaldehyde, Furfural)	98-01-1		500mg	
MM0166.08-0025	Impurity C (EP) as Monohydrate: L-xylo-Hex-2-ulosonic Acid Monohydrate (L-Sorbosonic Acid Monohydrate)	219905-82-5		25mg	
MM0166.09-0025	Impurity D (EP): Methyl L-xylo-Hex-2-ulosonate (Methyl L-Sorbosonate)	3031-98-9		25mg	

Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0166.10-0100	Impurity F (EP): (5 <i>R</i>)-5-[(1 <i>R</i>)-1,2-Dihydroxyethyl]-3,4-dihydroxyfuran-2(5 <i>H</i>)-one (D-Isoascorbic Acid)	89-65-6		100mg	
Aspartic Acid					
MM0567.05-0100	Impurity E (EP): Butanedioic Acid (Succinic Acid)	110-15-6		100mg	
Atorvastatin Calcium Trihydrate					
MM0400.41-0025	Impurity P (EP): [(4 <i>R</i> ,6 <i>R</i>)-6-[2-[2-(4-Fluorophenyl)-3-phenyl-4-(phenylcarbamoyl)-5-(propan-2-yl)-1 <i>H</i> -pyrrol-1-yl]ethyl]-2,2-dimethyl-1,3-dioxan-4-yl]acetic Acid (Atorvastatin Acetonide)	581772-29-4		25mg	
MM0400.39-0025	(3 <i>R</i> ,5 <i>R</i>)-Atorvastatin Amide	2125501-02-0		25mg	
Azacitidine					
MM1259.09-0025	4-Amino-1-[2,3-O-(1-methylethylidene)-β- <i>D</i> -ribofuranosyl]-1,3,5-triazin-2(1 <i>H</i>)-one (2',3'-O-(1-methylethylidene) azacitidine)	65370-90-3		25mg	
Azathioprine					
MM1532.07-0025	Impurity A (EP): 1-Methyl-4-nitro-1 <i>H</i> -imidazol-5-amine Related compound A (USP): 1-methyl-4-nitro-1 <i>H</i> -imidazol-5-amine	4531-54-8		25mg	
Azilsartan					
MM3924.00-0250	◆ Azilsartan	147403-03-0		250mg	
Baclofen					
MM1235.11-0025	4-(4-Chlorophenyl)piperidine-2,6-dione	84803-46-3		25mg	
MM1235.12-0025	4-(4-Chlorophenyl)tetrahydropyran-2,6-dione	53911-68-5		25mg	

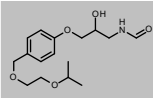
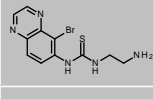
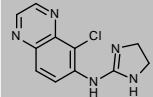
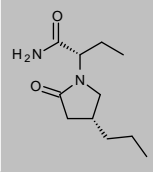
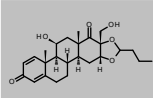
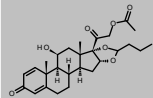
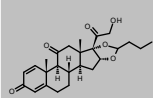
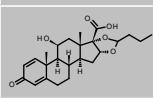
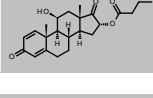
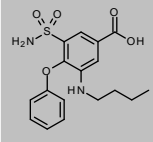
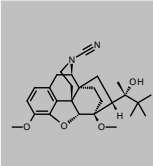
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Baricitinib					
MM3905.00-0250	‡ Baricitinib	1187594-09-7		250mg	
Benazepril Hydrochloride					
MM1229.12-0100	Benazepril <i>tert</i> -Butyl Ester	109010-61-9		100mg	
Bendamustine Hydrochloride					
MM0154.19-0025	Bendamustine 1-Methylethyl Ester	1313020-25-5		25mg	
Benzalkonium Chloride					
MM0528.05-0500	Impurity B (EP): Benzaldehyde	100-52-7		500mg	
MM0224.06-0500	Impurity C (EP): (Chloromethyl)benzene	100-44-7		500mg	
Benzyl Alcohol					
MM0528.05-0500	Impurity A (EP): Benzaldehyde	100-52-7		500mg	
Betamethasone					
MM0200.11-0025	9-Fluoro-11 β ,21-dihydroxy-16-methylpregna-1,4,16-triene-3,20-dione	59860-99-0		25mg	
MM0213.13-0025	17,21-Dihydroxy-16 α -methylpregna-1,4-diene-3,11,20-trione	2036-77-3		25mg	
Betamethasone Dipropionate					
MM0200.11-0025	9-Fluoro-11 β ,21-dihydroxy-16-methylpregna-1,4,16-triene-3,20-dione	59860-99-0		25mg	
Bicalutamide					
MM0894.02-0025	Impurity A (EP): (2 <i>RS</i>)- <i>N</i> -[4-Cyano-3-(trifluoromethyl)phenyl]-2-hydroxy-2-methyl-3-(phenylsulfonyl)propanamide	90357-05-4		25mg	

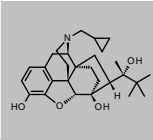
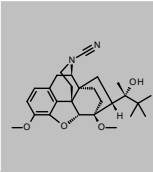
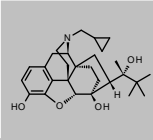
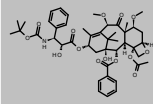
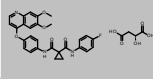
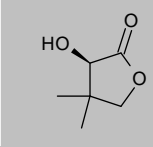
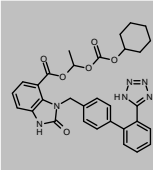
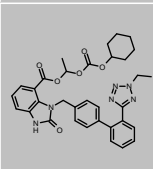
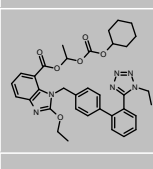
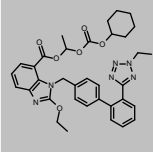
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0894.06-0025	Impurity E (EP): (2 <i>RS</i>)- <i>N</i> -[4-Cyano-3-(trifluoromethyl)phenyl]-3-[(<i>RS</i>)-(4-fluorophenyl)sulfinyl]-2-hydroxy-2-methylpropanamide	n/a		25mg	
MM0894.15-0025	Impurity M (EP): (2 <i>RS</i>)-3-[(4-Fluorophenyl)sulfonyl]-2-hydroxy-2-methylpropanoic Acid	151262-57-6		25mg	
MM0894.10-0025	(2 <i>RS</i>)- <i>N</i> -[4-Bromo-3-(trifluoromethyl)phenyl]-3-[(4-fluorophenyl)sulfonyl]-2-hydroxy-2-methylpropanamide	n/a		25mg	
MM0894.16-0025	Methyl 3-(4-Fluorophenyl)sulfonyl-2-hydroxy-2-methylpropanoate	512776-93-1		25mg	
MM0894.17-0100	4-Fluorothiophenol	371-42-6		100mg	
MM0894.19-0100	4-Fluorobenzenesulfonic Acid	368-88-7		100mg	
MM0894.21-0025	<i>N</i> -[4-Cyano-2-(trifluoromethyl)phenyl]-2-methyloxirane-2-carboxamide	1375105-27-3		25mg	
MM0894.22-0025	O-Acetylbicalutamide	1375105-24-0		25mg	
MM0894.31-0025	<i>N</i> -[4-Cyano-3-(trifluoromethyl)phenyl]-2,3-dihydroxy-2-methylpropanamide	316373-92-9		25mg	
MM0894.32-0025	3-Chloro- <i>N</i> -[4-cyano-3-(trifluoromethyl)phenyl]-2-hydroxy-2-methylpropanamide	627484-44-0		25mg	
Bictegravir Sodium					
MM3948.00-0250	◆ Bictegravir Sodium	1807988-02-8		250mg	
MM3948.03-0100	2,4,6-Trifluorobenzylamine	214759-21-4		100mg	
Bisoprolol Fumarate					
MM0460.11-0025	Impurity D (EP): (<i>RS</i>)-1-[4-[4-(2-Hydroxy-3-isopropylaminopropoxy)benzyloxymethyl]phenoxy]-3-isopropylaminopropan-2-ol	1225195-71-0		25mg	
MM0460.22-0025	Impurity H (Pharmeuropa): 2-Hydroxyethyl 4-[[((2 <i>RS</i>)-2-Hydroxy-3-(isopropylamino)propyl)oxy]benzoate	1346601-19-1		25mg	
MM0460.13-0025	iso-Bisoprolol	n/a		25mg	
MM0460.29-0025	Isopropyl 4-(2-Hydroxy-3-isopropylpropoxy)-benzoate Hydrochloride	n/a		25mg	
MM0460.36-0100	1,1'-[(1-Methylethyl)imino]bis(1-(4-((2-isopropoxyethoxy)methyl)phenoxy)propan-2-ol	n/a		100mg	
MM0460.37-0025	[[4-(Hydroxymethyl)phenoxy]methyl]oxirane	4204-78-8		25mg	

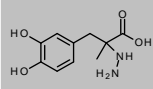
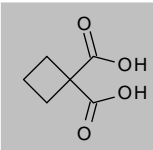
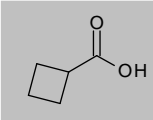
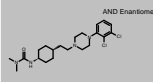
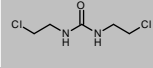
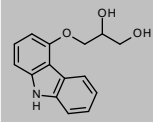
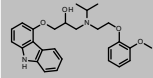
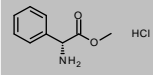
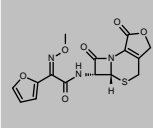
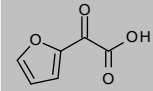
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0460.38-0025	N-[2-Hydroxy-3-[4-(2-isopropoxyethoxymethyl)phenoxy]propyl]formamide (N-Desisopropyl-N-formyl Bisoprolol)	1346602-59-2		25mg	
Brimonidine Tartrate					
MM1324.10-0025	1-(2-Aminoethyl)-3-(5-bromoquinoxalin-6-yl)thiourea	134892-47-0		25mg	
MM1324.13-0025	5-Chloro-N-(4,5-dihydro-1H-imidazol-2-yl)quinoxalin-6-amine	91147-46-5		25mg	
Brivaracetam					
MM3939.00-0250	◆ Brivaracetam	357336-20-0		250mg	
Budesonide					
MM0204.03-0025	Impurity C (EP): 16 α ,17-[(1 <i>RS</i>)-Butylidenebis(oxy)]-11 β -hydroxy-17-(hydroxymethyl)-D-homo-androsta-1,4-diene-3,17a-dione	1040085-99-1		25mg	
MM0204.15-0025	Impurity K (EP): 16 α ,17-[(1 <i>RS</i>)-Butylidenebis(oxy)]-11 β ,21-dihydroxypregna-1,4-diene-3,20-dione-21-acetate	51333-05-2		25mg	
MM0204.16-0025	Impurity L (EP): 16 α ,17-[(1 <i>RS</i>)-Butylidene-bis(oxy)]-21-hydroxypregna-1,4-diene-3,11,20-trione Related compound L (USP): 16 α ,17-[butylidenebis(oxy)]-21-hydroxypregna-1,4-diene-3,11,20-trione	216453-74-6		25mg	
MM0204.08-0025	Budesonide 20-Carboxylic Acid	192057-49-1		25mg	
MM0204.10-0025	11 β ,16 α -Dihydroxyandrosta-1,4-diene-3,17-dione 16-Butyrate	85234-64-6		25mg	
Bumetanide					
MM1290.00-0250	‡ Bumetanide	28395-03-1		250mg	
Buprenorphine					
MM0120.11-0025	Impurity C (EP): 4,5 α -Epoxy-7 α -[(1 <i>S</i>)-1-hydroxy-1,2,2-trimethylpropyl]-3,6-dimethoxy-6 α ,14-ethano-14 α -morphinan-17-carbonitrile (4,5-Epoxy-7-[(1 <i>S</i>)-1-hydroxy-1,2,2-trimethylpropyl]-3,6-dimethoxy-6,14-ethano-14-morphinan-17-carbonitrile)	16614-60-1		25mg	

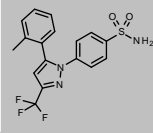
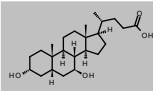
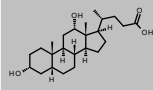
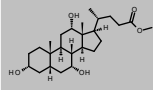
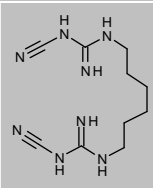
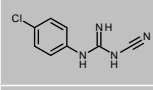
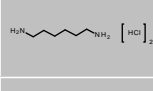
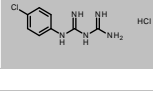
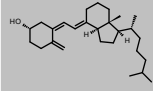
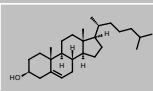
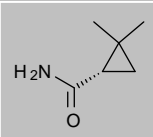
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0120.03-0025	Impurity E (EP): (2 <i>S</i>)-2-[17-(Cyclopropylmethyl)-4,5α-epoxy-3,6-dihydroxy-6α,14-ethano-14α-morphinan-7α-yl]-3,3-dimethylbutan-2-ol (6- <i>O</i> -Desmethylbuprenorphine; Desmethyl Buprenorphine)	130668-48-3		25mg	
Buprenorphine Hydrochloride					
MM0120.11-0025	Impurity C (EP): 4,5α-Epoxy-7α-[(1 <i>S</i>)-1-hydroxy-1,2,2-trimethylpropyl]-3,6-dimethoxy-6α,14-ethano-14α-morphinan-17-carbonitrile (4,5-Epoxy-7-[(1 <i>S</i>)-1-hydroxy-1,2,2-trimethylpropyl]-3,6-dimethoxy-6,14-ethano-14-morphinan-17-carbonitrile)	16614-60-1		25mg	
MM0120.03-0025	Impurity E (EP): (2 <i>S</i>)-2-[17-(Cyclopropylmethyl)-4,5α-epoxy-3,6-dihydroxy-6α,14-ethano-14α-morphinan-7α-yl]-3,3-dimethylbutan-2-ol (6- <i>O</i> -Desmethylbuprenorphine; Desmethyl Buprenorphine)	130668-48-3		25mg	
Cabazitaxel					
MM3517.00-0250	◆ Cabazitaxel	183133-96-2		250mg	
Cabozantinib L-Malate					
MM3947.00-0250	◆ Cabozantinib (<i>S</i>)-Malate	1140909-48-3		250mg	
Calcium Pantothenate					
MM1352.03-0025	Impurity C (EP): (3 <i>R</i>)-3-Hydroxy-4,4-dimethyldihydrofuran-2(3 <i>H</i>)-one (Pantolactone)	599-04-2		25mg	
Candesartan Cilexetil					
MM0776.02-0025	Impurity B (EP): (1 <i>RS</i>)-1-[[[(Cyclohexyloxy)carbonyl]oxy]ethyl 2-Oxo-3-[[2'-(1 <i>H</i> -tetrazol-5-yl)biphenyl-4-yl]methyl]-2,3-dihydro-1 <i>H</i> -benzimidazole-4-carboxylate Related compound B (USP): 1-(Cyclohexyloxy)carbonyloxy ethyl 1-[2'-(1 <i>H</i> - tetrazol-5-yl)biphenyl-4-yl]methyl-2-oxo-2,3-dihydrobenzimidazole-7-carboxylate	869631-11-8		25mg	
MM0776.04-0025	Impurity D (EP): (1 <i>RS</i>)-1-[[[(Cyclohexyloxy)carbonyl]oxy]ethyl 3-[[2'-(2-Ethyl-2 <i>H</i> -tetrazol-5-yl)biphenyl-4-yl]methyl]-2-oxo-2,3-dihydro-1 <i>H</i> -benzimidazole-4-carboxylate Related compound D (USP): 1-[(Cyclohexyloxy)carbonyl]oxyethyl 3-(2'-(2-ethyl-2 <i>H</i> -tetrazol-5-yl)-[1,1'-biphenyl]-4-ylmethyl)-2-oxo-2,3-dihydro-1 <i>H</i> -benzimidazole-4-carboxylate	1185256-03-4		25mg	
MM0776.05-0025	Impurity E (EP): (1 <i>RS</i>)-1-[[[(Cyclohexyloxy)carbonyl]oxy]ethyl 2-Ethoxy-1-[[2'-(1-ethyl-1 <i>H</i> -tetrazol-5-yl)biphenyl-4-yl]methyl]-1 <i>H</i> -benzimidazole-7-carboxylate	914613-35-7		25mg	
MM0776.06-0025	Impurity F (EP): (1 <i>RS</i>)-1-[[[(Cyclohexyloxy)carbonyl]oxy]ethyl 2-Ethoxy-1-[[2'-(2-ethyl-2 <i>H</i> -tetrazol-5-yl)-biphenyl-4-yl]methyl]-1 <i>H</i> -benzimidazole-7-carboxylate Related compound F (USP): 1-(Cyclohexyloxy)carbonyloxy ethyl 2-ethoxy-1-[2'-(2-ethyl-2 <i>H</i> -tetrazol-5-yl)biphenyl-4-yl]methyl-1 <i>H</i> -benzimidazole-7-carboxylate	914613-36-8		25mg	

Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Carbidopa					
MM1501.12-0025	(2 <i>RS</i>)-3-(3,4-Dihydroxyphenyl)-2-hydrazino-2-methylpropanoic Acid (<i>rac</i> -Carbidopa)	302-53-4		25mg	
Carboplatin					
MM1519.01-0025	Impurity B (EP): Cyclobutane-1,1-dicarboxylic Acid	5445-51-2		25mg	
MM1519.02-0100	Cyclobutanecarboxylic Acid	3721-95-7		100mg	
Cariprazine Hydrochloride					
MM3927.00-0250	Cariprazine	839712-12-8		250mg	
Carmustine					
MM0923.01-0025	Impurity A (EP): 1,3-Bis(2-chloroethyl)urea Related compound A (USP): 1,3-bis(2-chloroethyl)urea	2214-72-4		25mg	
Carvedilol					
MM0291.14-0025	3-(9 <i>H</i> -Carbazol-4-yloxy)propane-1,2-diol	123119-89-1		25mg	
MM0291.17-0025	1-(9 <i>H</i> -Carbazol-4-yloxy)-3-[[2-(2-methoxyphenoxy)ethyl](1-methylethyl)amino]propan-2-ol (<i>N</i> -Isopropylcarvedilol)	1246819-01-1		25mg	
Cefalexin Monohydrate (Cephalexin)					
MM0605.11-0025	Methyl (2 <i>R</i>)-2-Amino-2-phenylacetate Hydrochloride	19883-41-1		25mg	
Cefuroxime Axetil					
MM1341.08-0025	Impurity E (EP): (5 <i>aR</i> ,6 <i>R</i>)-6-[[[(2 <i>Z</i>)-2-(Furan-2-yl)-2-(methoxyimino)acetyl]amino]-5 <i>a</i> ,6-dihydro-3 <i>H</i> ,7 <i>H</i> -azeto[2,1- <i>b</i>]furo[3,4- <i>d</i>][1,3]thiazine-1,7(4 <i>H</i>)-dione (Descarbamoylcefuroxime Lactone)	947723-87-7		25mg	
Cefuroxime Sodium					
MM1341.11-0025	2-(Furan-2-yl)-2-oxoacetic Acid	1467-70-5		25mg	

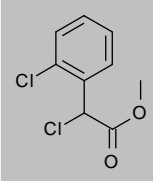
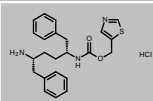
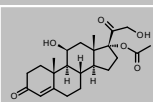
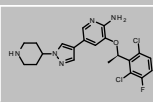
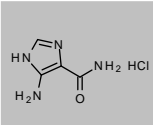
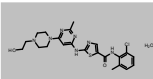
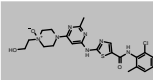
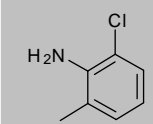
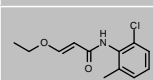
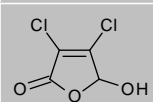
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Celecoxib					
MM0344.19-0025	4-[5-(2-Methylphenyl)-3-(trifluoromethyl)-1 <i>H</i> -pyrazol-1-yl] benzenesulfonamide	170569-99-0		25mg	
Chenodeoxycholic Acid					
MM0836.00-0250	◆ Impurity A (EP): Ursodeoxycholic Acid	128-13-2		250mg	
MM0835.05-0250	‡ Impurity E (EP): 3 α ,12 α -Dihydroxy-5 β -cholan-24-oic Acid (Deoxycholic Acid)	83-44-3		250mg	
MM0835.12-0025	Methyl Cholate	1448-36-8		25mg	
Chlorhexidine Diacetate					
MM0162.16-0025	1,1'-(Hexane-1,6-diyl)bis[3-cyanoguanidine]	15894-70-9		25mg	
MM0840.06-0025	<i>N</i> -(4-Chlorophenyl)- <i>N</i> '-cyanoguanidine	1482-62-8		25mg	
MM0162.17-0025	Hexane-1,6-diamine Dihydrochloride	6055-52-3		25mg	
MM0162.23-0025	1-(4-Chlorophenyl)biguanide Hydrochloride	4022-81-5		25mg	
Cholecalciferol					
MM0249.00-0250	◆ Cholecalciferol	67-97-0		250mg	
Cholesterol					
MM0206.00-0250	‡ Cholesterol	57-88-5		250mg	
Cilastatin Sodium					
MM1092.20-0025	(1 <i>S</i>)-2,2-Dimethylcyclopropanecarboxamide	75885-58-4		25mg	

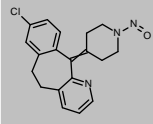
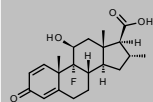
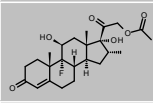
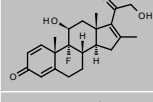
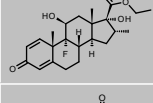
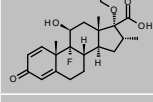
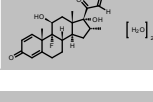
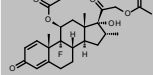
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Ciprofloxacin Hydrochloride					
MM0018.13-0025	1-Cyclopropyl-6-fluoro-4-oxo-7-(3-oxopiperazin-1-yl)-1,4-dihydroquinoline-3-carboxylic Acid (Oxociprofloxacin)	103237-52-1		25mg	
Citalopram Hydrobromide					
MM0242.31-0025	1-(4-Fluorophenyl)-3-oxo-1,3-dihydroisobenzofuran-5-carboxamide	372941-46-3		25mg	
Citicoline Sodium					
MM3913.00-0250	◆ Citicoline Sodium	33818-15-4		250mg	
Clobetasol Propionate					
MM0769.10-0025	Impurity F (EP): 9-Fluoro-11β-hydroxy-16β-methyl-3-oxopregna-1,4,17(20)-trien-21-oic Acid	2412496-00-3		25mg	
MM0200.11-0025	9-Fluoro-11β,21-dihydroxy-16-methylpregna-1,4,16-triene-3,20-dione	59860-99-0		25mg	
Clonazepam					
MM0945.06-0025	2-Amino-N-[2-(2-chlorobenzoyl)-4-nitrophenyl]acetamide Hydrochloride	94006-04-9		25mg	
MM0945.08-0025	◆ 3-(2-Chlorophenyl)-5-nitro-1 <i>H</i> -indazole	n/a		25mg	
MM0945.09-0025	◆ 4-(2-Chlorophenyl)-6-nitroquinazoline	1647150-35-3		25mg	
MM0945.10-0025	◆ 2-Hydroxypropyl 4-(2-Chlorophenyl)-6-nitroquinazoline-2-carboxylate	n/a		25mg	
MM0945.12-0025	◆ 2-[[[(2-Amino-5-nitrophenyl)(2-chlorophenyl)methylene]amino]acetic Acid Ethyl Ester	n/a		25mg	

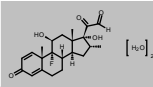
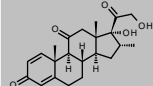
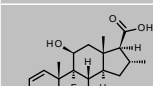
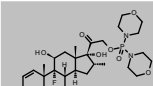
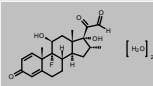
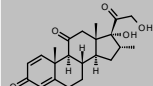
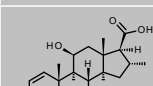
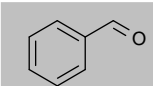
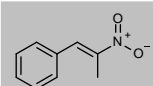
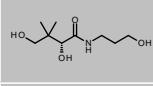
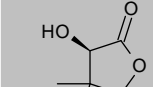
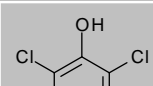
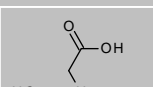
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Clopidogrel Hydrogen Sulfate					
MM0455.27-0100	Methyl 2-Chloro-2-(2-chlorophenyl)acetate	90055-47-3		100mg	
Cobicistat					
MM3623.01-0025	Thiazol-5-ylmethyl N-((2 <i>R</i> ,5 <i>R</i>)-5-Amino-1,6-diphenylhexan-2-yl)carbamate Hydrochloride	1247119-33-0		25mg	
Cortisone Acetate					
MM0187.01-0025	Hydrocortisone 17-Acetate	16463-74-4		25mg	
Crizotinib					
MM3930.00-0250	◆ Crizotinib	877399-52-5		250mg	
Dacarbazine					
MM1289.06-0025	Impurity B (EP) as Hydrochloride: 5-Amino-1 <i>H</i> -imidazole-4-carboxamide Hydrochloride Related compound A (USP): 5-aminoimidazole-4-carboxamide	72-40-2		25mg	
Dasatinib Monohydrate					
MM3451.00-0250	‡ Dasatinib Monohydrate	863127-77-9		250mg	
MM3451.01-0025	Dasatinib <i>N</i> -Oxide	910297-52-8		25mg	
MM3451.04-0100	2-Chloro-6-methylaniline	87-63-8		100mg	
MM3451.07-0025	(2 <i>E</i>)- <i>N</i> -(2-Chloro-6-methylphenyl)-3-ethoxyprop-2-enamide	863127-76-8		25mg	
MM3451.11-0025	3,4-Dichloro-5-hydroxy-2(5 <i>H</i>)-furanone	766-40-5		25mg	

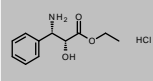
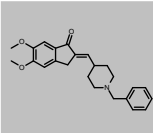
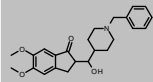
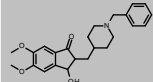
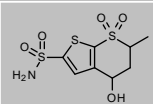
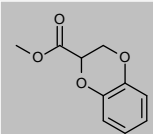
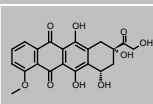
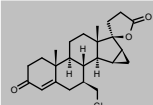
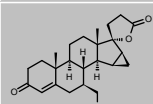
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Deflazacort					
MM1224.00-0250	◆ Deflazacort	14484-47-0		250mg	
Desloratadine					
MM0257.25-0025	<i>N</i> -Nitrosodesloratadine (8-Chloro-6,11-dihydro-11-(1-nitroso-4-piperidinylidene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridin)	1246819-22-6		25mg	
Dexamethasone					
MM0213.13-0025	Impurity J (EP): 17,21-Dihydroxy-16 α -methylpregna-1,4-diene-3,11,20-trione	2036-77-3		25mg	
MM0213.15-0025	9-Fluoro-11 β -hydroxy-16 α -methyl-3-oxoandrosta-1,4-diene-17 β -carboxylic Acid	75262-69-0		25mg	
MM0445.01-0025	9-Fluoro-11 β ,17-dihydroxy-16 α -methyl-3,20-dioxopregn-4-en-21-yl Acetate	1524-94-3		25mg	
MM0213.17-0025	11-Dehydrodexamethasone	2964-81-0		25mg	
MM0213.18-0025	20-Dihydrodexamethasone	55879-48-6		25mg	
MM0200.11-0025	9-Fluoro-11 β ,21-dihydroxy-16-methylpregna-1,4,16-triene-3,20-dione	59860-99-0		25mg	
MM0213.22-0025	Dexamethasone Acid Ethyl Ester	n/a		25mg	
MM0213.23-0025	17 β -Carboxy-17 α -formyloxidexamethasone	473273-04-0		25mg	
MM0213.24-0025	21-Dehydrodexamethasone Dihydrate	n/a		25mg	
Dexamethasone Acetate					
MM0445.01-0025	Impurity E (EP): 9-Fluoro-11 β ,17-dihydroxy-16 α -methyl-3,20-dioxopregn-4-en-21-yl Acetate	1524-94-3		25mg	
MM0445.07-0025	Impurity G (EP): 9-Fluoro-11 β -hydroxy-16 α -methyl-3,20-dioxopregn-1,4-dien-21-yl Acetate	1597-78-0		25mg	
MM0445.09-0025	Impurity I (EP): 9-Fluoro-17-hydroxy-16 α -methyl-3,20-dioxopregn-1,4-diene-11 β ,21-diyl Diacetate (Dexamethasone 11,21-Diacetate)	3949-26-6		25mg	

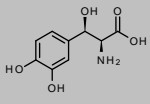
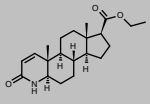
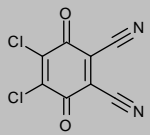
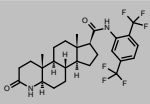
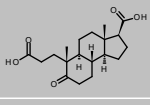
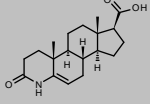
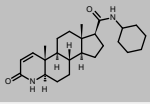
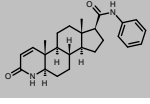
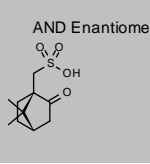
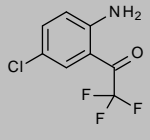
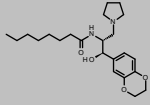
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0213.24-0025	21-Dehydrodexamethasone Dihydrate	n/a		25mg	
MM0213.13-0025	17,21-Dihydroxy-16 α -methylpregna-1,4-diene-3,11,20-trione	2036-77-3		25mg	
MM0213.15-0025	9-Fluoro-11 β -hydroxy-16 α -methyl-3-oxoandrosta-1,4-diene-17 β -carboxylic Acid	75262-69-0		25mg	
Dexamethasone Sodium Phosphate					
MM0210.12-0025	9-Fluoro-11 β ,17-dihydroxy-16 α -methyl-3,20-dioxopregna-1,4-dien-21-yl Dimorpholinophosphinate	3864-50-4		25mg	
MM0213.24-0025	21-Dehydrodexamethasone Dihydrate	n/a		25mg	
MM0213.13-0025	17,21-Dihydroxy-16 α -methylpregna-1,4-diene-3,11,20-trione	2036-77-3		25mg	
MM0213.15-0025	9-Fluoro-11 β -hydroxy-16 α -methyl-3-oxoandrosta-1,4-diene-17 β -carboxylic Acid	75262-69-0		25mg	
Dexamfetamine Sulfate (Dextroamphetamine Sulfate)					
MM0528.05-0500	Impurity D (EP): Benzaldehyde	100-52-7		500mg	
MM1359.03-0025	[(1 <i>E</i>)-2-Nitro-1-propen-1-yl]benzene	18315-84-9		25mg	
Dexpanthenol					
MM1352.00-0250	‡ Dexpanthenol	81-13-0		250mg	
MM1352.03-0025	(3 <i>R</i>)-3-Hydroxy-4,4-dimethyldihydrofuran-2(3 <i>H</i>)-one (Pantolactone)	599-04-2		25mg	
Diclofenac Sodium					
MM3572.04-0100	2,6-Dichlorophenol	87-65-0		100mg	
Disodium Edetate					
MM0886.01-0100	Impurity A (EP): Nitriлотriacetic Acid	139-13-9		100mg	

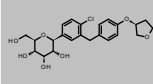
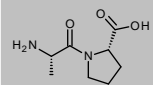
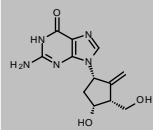
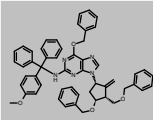
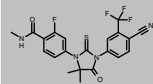
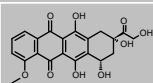
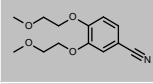
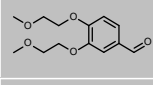
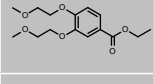
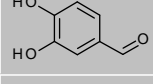
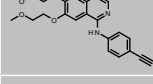
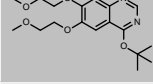
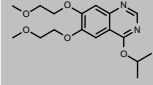
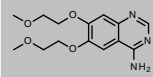
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Docetaxel Trihydrate					
MM3396.04-0025	Ethyl (2 <i>R</i> ,3 <i>S</i>)-3-Amino-2-hydroxy-3-phenylpropanoate Hydrochloride	257947-33-4		25mg	
Dolutegravir Sodium					
MM3758.00-0250	‡ Dolutegravir Sodium	1051375-19-9		250mg	
Donepezil Hydrochloride					
MM0677.17-0025	Impurity F (EP): (2 <i>E</i>)-2-[(1-Benzylpiperidin-4-yl)methylidene]-5,6-dimethoxy-2,3-dihydro-1 <i>H</i> -inden-1-one Related compound A (USP): (E)-2-[(1-benzylpiperidin-4-yl)methylene]-5,6-dimethoxyindan-1-one	145546-80-1		25mg	
MM0677.22-0025	2-[(1-Benzylpiperidin-4-yl)hydroxymethyl]-5,6-dimethoxyindan-1-one (Hydroxydonepezil)	197010-20-1		25mg	
MM0677.24-0025	2-[(1-Benzylpiperidin-4-yl)methyl]-3-hydroxy-5,6-dimethoxyindan-1-one (3-Hydroxydonepezil)	2097683-67-3		25mg	
Dorzolamide Hydrochloride					
MM0403.18-0025	5,6-Dihydro-4-hydroxy-6-methyl-4 <i>H</i> -thieno[2,3- <i>b</i>]thiopyran-2-sulfonamide 7,7-Dioxide	120279-26-7		25mg	
Doxazosin Mesilate					
MM0386.11-0025	Methyl (2 <i>RS</i>)-1,4-Benzodioxane-2-carboxylate	3663-79-4		25mg	
Doxorubicin Hydrochloride					
MM0283.01-0025	Impurity D (EP): (8 <i>S</i> ,10 <i>S</i>)-6,8,10,11-Tetrahydroxy-8-(hydroxyacetyl)-1-methoxy-7,8,9,10-tetrahydronaphthacene-5,12-dione (Doxorubicinone, Doxorubicin Aglycone)	24385-10-2		25mg	
Drospirenone					
MM1203.07-0025	Impurity G (EP): 7β-(Chloromethyl)-3-oxo-15α,16α-dihydro-3' <i>H</i> -cyclopropa[15,16]-17α-pregn-4-ene-21,17-carbolactone (3'-Chloro-3',6-secodrospirenone)	932388-90-4		25mg	
MM1203.08-0025	Impurity H (EP): 7β-(Chloromethyl)-3-oxo-15α,16α-dihydro-3' <i>H</i> -cyclopropa[15,16]pregn-4-ene-21,17-carbolactone (3'-Chloro-3',6-seco-17-epidrospirenone)	932388-89-1		25mg	

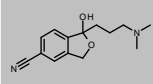
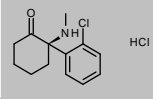
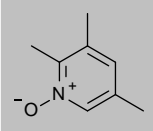
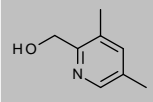
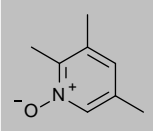
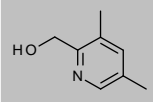
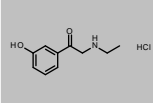
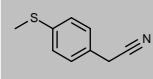
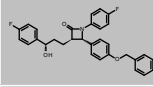
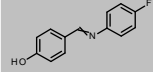
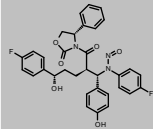
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Droxidopa					
MM3786.00-0250	◆ Droxidopa	23651-95-8		250mg	
Dutasteride					
MM1424.04-0025	Impurity C (EP): Ethyl 3-Oxo-4-aza-5 α -androst-1-ene-17 β -carboxylate	157307-36-3		25mg	
MM1424.11-0100	2,3-Dichloro-5,6-dicyano-1,4-benzoquinone (DDQ)	84-58-2		100mg	
MM1424.12-0025	<i>N</i> -[2,5-Bis(trifluoromethyl)phenyl]-3-oxo-4-aza-5 α -androstane-17 β -carboxamide (Dihydrodutasteride)	164656-22-8		25mg	
MM1424.14-0025	17 β -Carboxy-5-oxo-A-nor-3,5-secoandrostane-3-oic Acid	76763-14-9		25mg	
MM1424.15-0025	3-Oxo-4-azaandrost-5-ene-17 β -carboxylic Acid	103335-54-2		25mg	
MM0415.07-0025	<i>N</i> -Cyclohexyl-3-oxo-4-aza-5 α -androst-1-ene-17 β -carboxamide	133216-45-2		25mg	
MM0415.08-0025	3-Oxo- <i>N</i> -phenyl-4-aza-5 α -androst-1-ene-17 β -carboxamide	158522-79-3		25mg	
Ecamsule					
MM1094.07-0025	[(1 <i>RS</i> ,4 <i>SR</i>)-7,7-Dimethyl-2-oxobicyclo[2.2.1]hept-1-yl]methanesulfonic Acid ((\pm)-10-Camphorsulfonic Acid) Related compound D (USP): ((1 <i>SR</i> ,4 <i>RS</i>)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptan-1-yl)methanesulfonic acid	5872-08-2		25mg	
Efavirenz					
MM0919.08-0025	1-(2-Amino-5-chlorophenyl)-2,2,2-trifluoroethanone	154598-53-5		25mg	
Eliglustat Tartrate					
MM3942.00-0250	◆ Eliglustat	491833-29-5		250mg	

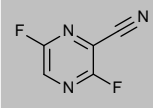
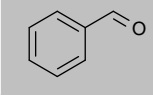
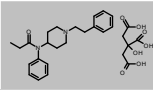
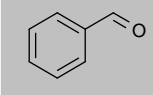
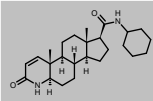
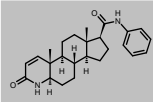
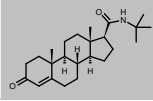
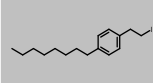
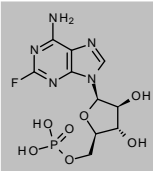
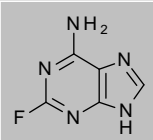
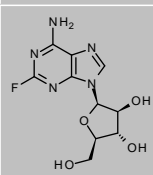
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Empagliflozin					
MM3780.00-0250	◆ Empagliflozin	864070-44-0		250mg	
Enalapril Maleate					
MM0010.27-0025	(2S)-1-[(2S)-2-Aminopropanoyl]pyrrolidine-2-carboxylic Acid (L-Alanyl-L-proline)	13485-59-1		25mg	
Entecavir Monohydrate					
MM3314.07-0025	Impurity D (EP): 2-Amino-9-[(1S,3R,4R)-4-hydroxy-3-(hydroxymethyl)-2-methylidencyclopentyl]-1,9-dihydro-6H-purin-6-one	1367369-80-9		25mg	
MM3314.16-0025	N-[(4-Methoxyphenyl)diphenylmethyl]-9-[(1S,3R,4S)-2-methylene-4-(phenylmethoxy)-3-[(phenylmethoxy)methyl]cyclopentyl]-6-(phenylmethoxy)-9H-purin-2-amine	142217-80-9		25mg	
Enzalutamide					
MM3917.00-0250	◆ Enzalutamide	915087-33-1		250mg	
Epirubicin Hydrochloride					
MM0283.01-0025	Impurity A (EP): Doxorubicinone	24385-10-2		25mg	
Erlotinib Hydrochloride					
MM3297.05-0025	3,4-Bis(2-methoxyethoxy)benzonitrile	80407-68-7		25mg	
MM3297.06-0100	3,4-Bis(2-methoxyethoxy)benzaldehyde	80407-64-3		100mg	
MM3297.09-0025	3,4-Bis(2-methoxyethoxy)benzoic Acid Ethyl Ester	183322-16-9		25mg	
MM3297.10-0025	3,4-Dihydroxybenzaldehyde	139-85-5		25mg	
MM3297.19-0025	N-(4-Ethynylphenyl)-6,7-bis(2-methoxyethoxy)-4-quinazolinamine	1029721-32-1		25mg	
MM3297.17-0025	4-(1,1-Dimethylethoxy)-6,7-bis(2-methoxyethoxy)quinazoline	1683583-42-7		25mg	
MM3297.16-0025	6,7-Bis(2-methoxyethoxy)-4-(1-methylethoxy)quinazoline	1683583-39-2		25mg	
MM3297.18-0025	6,7-Bis(2-methoxyethoxy)-4-quinazolinamine	1417161-98-8		25mg	

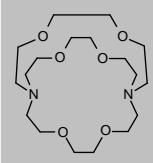
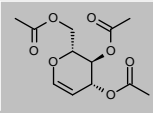
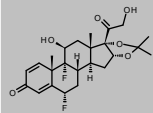
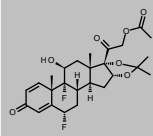
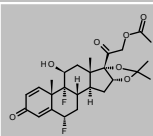
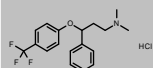
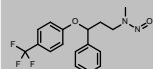
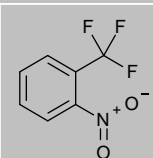
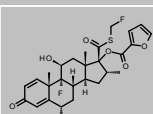
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Escitalopram Oxalate					
MM1162.11-0025	Impurity F (EP): (1 <i>RS</i>)-1-[3-(Dimethylamino)propyl]-1-hydroxy-1,3-dihydro-2-benzofuran-5-carbonitrile	2102609-59-4		25mg	
Esketamine Hydrochloride					
MM0144.10-0025	Impurity D (EP) as Hydrochloride: (2 <i>R</i>)-2-(2-Chlorophenyl)-2-(methylamino)cyclohexanone Hydrochloride ((<i>R</i>)-Ketamine Hydrochloride)	33795-24-3		25mg	
Esomeprazole Magnesium Trihydrate					
MM0095.10-0025	2,3,5-Trimethylpyridine <i>N</i> -Oxide	74409-42-0		25mg	
MM0095.51-0100	2-Hydroxymethyl-3,5-dimethylpyridine	202932-05-6		100mg	
Esomeprazole Sodium					
MM0095.10-0025	2,3,5-Trimethylpyridine <i>N</i> -Oxide	74409-42-0		25mg	
MM0095.51-0100	2-Hydroxymethyl-3,5-dimethylpyridine	202932-05-6		100mg	
Etilefrine Hydrochloride					
MM0035.01-0025	Impurity A (EP) as Hydrochloride: 2-(Ethylamino)-1-(3-hydroxyphenyl)ethanone Hydrochloride (Etilefrone Hydrochloride)	22510-04-9		25mg	
Etoricoxib					
MM0965.07-0025	2-[4-(Methylsulfonyl)phenyl]acetonitrile	38746-92-8		25mg	
Ezetimibe					
MM0935.11-0025	4'-O-Benzoyloxy Ezetimibe	163222-32-0		25mg	
MM0935.12-0025	4-[[4-(4-Fluorophenyl)imino]methyl]phenol	3382-63-6		25mg	
MM0935.13-0025	<i>N</i> -Nitrosoezetimibe ((4 <i>S</i>)-3-[(2 <i>R</i> ,5 <i>S</i>)-2-[(<i>S</i>)-(4-Fluoro- <i>N</i> -nitrosoanilino)-(4-hydroxyphenyl)methyl]-5-(4-fluorophenyl)-5-hydroxy-pentanoyl]-4-phenyl-oxazolidin-2-one)	n/a		25mg	

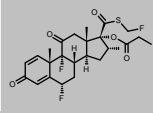
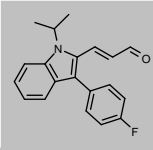
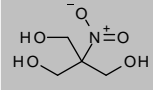
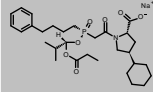
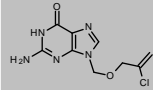
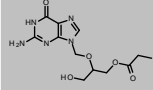
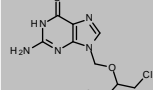
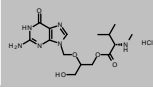
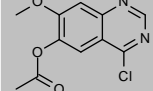
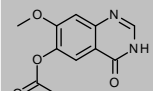
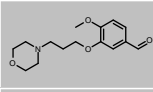
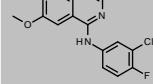
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Favipiravir					
MM3892.06-0025	3,6-Difluoropyrazine-2-carbonitrile	356783-28-3		25mg	
Fentanyl					
MM0528.05-0500	Impurity E (EP): Benzaldehyde	100-52-7		500mg	
Fentanyl Citrate					
MM1383.00-0250	‡ Fentanyl Citrate	990-73-8	CS	250mg	
MM0528.05-0500	Impurity E (EP): Benzaldehyde	100-52-7		500mg	
Finasteride					
MM0415.07-0025	<i>N</i> -Cyclohexyl-3-oxo-4-aza-5 α -androst-1-ene-17 β -carboxamide	133216-45-2		25mg	
MM0415.08-0025	3-Oxo- <i>N</i> -phenyl-4-aza-5 α -androst-1-ene-17 β -carboxamide	158522-79-3		25mg	
MM0415.12-0025	<i>N</i> -(1,1-Dimethylethyl)-3-oxoandrost-4-ene-17 β -carboxamide	131267-80-6		25mg	
Fingolimod Hydrochloride					
MM3554.07-0100	1-(2-Iodoethyl)-4-octylbenzene	162358-07-8		100mg	
Fludarabine Phosphate					
MM3428.00-0250	‡ Fludarabine Phosphate	75607-67-9		250mg	
MM3428.04-0025	Impurity D (EP): 2-Fluoro-7 <i>H</i> -purin-6-amine (2-Fluoroadenine)	700-49-2		25mg	
MM3428.05-0025	Impurity E (EP): 9- β -D-Arabinofuranosyl-2-fluoro-9 <i>H</i> -purin-6-amine (Fludarabine)	21679-14-1		25mg	

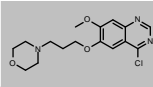
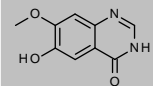
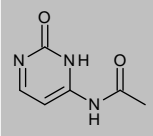
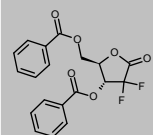
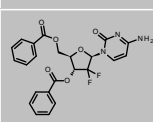
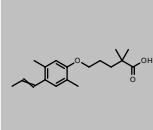
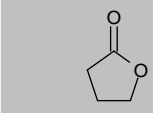
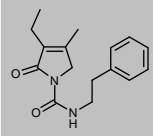
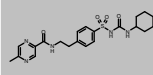
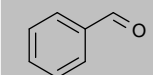
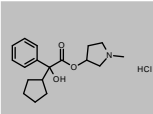
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Fludeoxyglucose					
MM3981.03-0025	4,7,13,16,21,24-Hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane Related compound A (USP): 4,7,13,16,21,24-hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane	23978-09-8		25mg	
MM3981.07-0025	Tri- <i>O</i> -acetyl- <i>D</i> -glucal	2873-29-2		25mg	
Fluocinolone Acetonide					
MM1524.00-0250	‡ Fluocinolone Acetonide	67-73-2		250mg	
MM3001.00-0250	Impurity M (EP): 6 α ,9-Difluoro-11 β -hydroxy-16 α ,17-(1-methylethylidenedioxy)-3,20-dioxopregna-1,4-dien-21-yl Acetate (Fluocinonide)	356-12-7		250mg	
Fluocinonide					
MM3001.00-0250	‡ Fluocinonide	356-12-7		250mg	
Fluoxetine Hydrochloride					
MM0256.21-0025	N-Methylfluoxetine Hydrochloride	885101-12-2		25mg	
MM0256.22-0025	N-Nitrosofluoxetine	150494-06-7		25mg	
Flutamide					
MM0161.11-0025	2-Nitrotrifluoromethylbenzene	384-22-5		25mg	
Fluticasone Furoate					
MM3909.00-0250	◆ Fluticasone Furoate	397864-44-7		250mg	

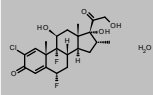
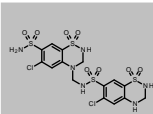
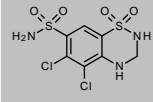
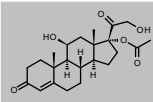
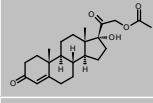
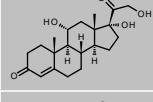
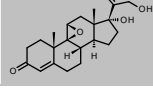
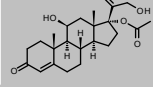
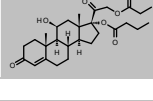
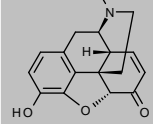
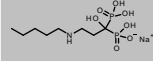
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Fluticasone Propionate					
MM1244.06-0025	Impurity F (EP): 6 α ,9-Difluoro-17-[[[(fluoromethyl)-sulphonyl]carbonyl]-16 α -methyl-3,11-dioxo-androsta-1,4-dien-17 α -yl] Propanoate	1219174-94-3		25mg	
Fluvastatin Sodium					
MM0676.14-0025	(<i>E</i>)-3-[3-(4-Fluorophenyl)-1-(1-methylethyl)-1 <i>H</i> -indol-2-yl] prop-2-enal	93957-50-7		25mg	
Fosfomycin Trometamol					
MM1566.01-0025	Nitromethylidynetri(methanol)	126-11-4		25mg	
Fosinopril Sodium					
MM0645.00-0250	Fosinopril Sodium	88889-14-9		250mg	
Ganciclovir					
MM0485.02-0025	Impurity A (EP): 2-Amino-9-[[[(2-chloroprop-2-en-1-yl)oxy]methyl]-1,9-dihydro-6 <i>H</i> -purin-6-one (Vinylchloroganciclovir)	1797982-93-4		25mg	
MM0485.03-0025	Impurity B (EP): (2 <i>RS</i>)-2-[(2-Amino-6-oxo-1,6-dihydro-9 <i>H</i> -purin-9-yl)methoxy]-3-hydroxy-propyl Propionate (Ganciclovir Monopropionate)	194159-18-7		25mg	
MM0485.04-0025	Impurity C (EP): 2-Amino-9-[[[(1 <i>RS</i>)-2-chloro-1-(hydroxymethyl)ethoxy]methyl]-1,9-dihydro-6 <i>H</i> -purin-6-one (Monochloroganciclovir)	108436-36-8		25mg	
MM0485.11-0025	Ganciclovir Mono- <i>N</i> -methyl Valinate Hydrochloride	1401562-16-0		25mg	
Gefitinib					
MM3563.05-0025	4-Chloro-7-methoxyquinazolin-6-yl Acetate	230955-75-6		25mg	
MM3563.07-0025	6-(Acetyloxy)-7-methoxyquinazolin-4(3 <i>H</i>)-one	179688-53-0		25mg	
MM3563.12-0025	4-Methoxy-3-[3-(morpholin-4-yl)propoxy]benzaldehyde	861453-11-4		25mg	
MM3563.15-0025	<i>N</i> -(3-Chloro-4-fluorophenyl)-6,7-dimethoxyquinazolin-4-amine	153437-78-6		25mg	

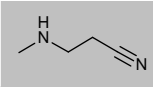
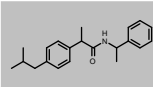
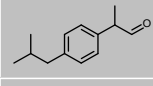
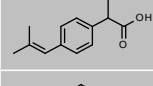
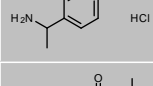
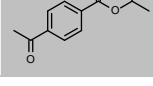
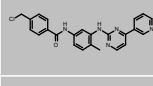
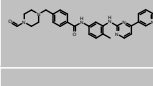
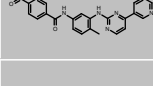
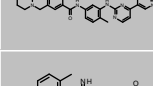
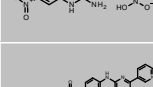
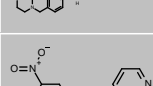
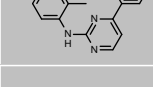
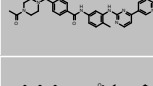
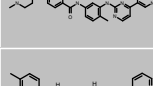
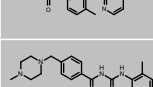

Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM3563.22-0025	4-Chloro-7-methoxy-6-[3-(morpholin-4-yl)propoxy]quinazoline	199327-59-8		25mg	
MM3563.23-0025	6-Hydroxy-7-methoxy-4(1 <i>H</i>)-quinazolinone	179688-52-9		25mg	
Gemcitabine Hydrochloride					
MM1257.07-0025	<i>N</i> ⁴ -Acetylcytosine	14631-20-0		25mg	
MM1257.08-0025	2-Deoxy-2,2-difluoro- <i>D</i> -erythro-pentofuranos-1-ulose-3,5-dibenzoate	122111-01-7		25mg	
MM1257.09-0025	2'-Deoxy-3',5'-di-O-benzoyl-2',2'-difluorocytidine	134790-39-9		25mg	
Gemfibrozil					
MM0641.13-0025	Impurity E (EP): 5-[2,5-Dimethyl-4-(prop-1-enyl)phenoxy]-2,2-dimethylpentanoic Acid Related compound A (USP): (E,Z)-2,2-dimethyl-5-[2,5-dimethyl-4-(propene-1-yl)phenoxy]valeric acid	500904-61-0		25mg	
GHB Sodium Salt					
MM1275.51-0100	Gamma-butyrolactone (GBL)	96-48-0		100mg	
Glimepiride					
MM0647.17-0025	3-Ethyl-4-methyl-2-oxo- <i>N</i> -(2-phenylethyl)-2,5-dihydro-1 <i>H</i> -pyrrole-1-carboxamide	247098-18-6		25mg	
Glipizide					
MM0942.00-0250	‡ Glipizide	29094-61-9		250mg	
Glycopyrronium Bromide (Glycopyrrolate)					
MM0528.05-0500	Impurity F (EP): Benzaldehyde	100-52-7		500mg	
MM0834.16-0025	Impurity G (EP) as Hydrochloride: 1-Methylpyrrolidin-3-yl 2-Cyclopentyl-2-hydroxy-2-phenylacetate Hydrochloride Related compound B (USP): 1-Methylpyrrolidin-3-yl 2-cyclopentyl-2-hydroxy-2-phenylacetate	13118-10-0		25mg	

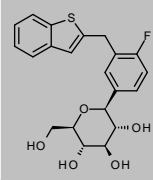
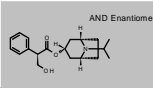
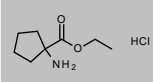
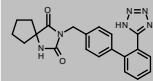
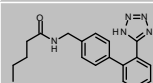
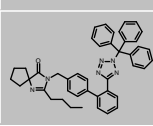
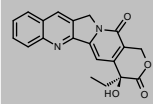
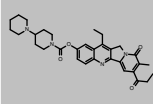
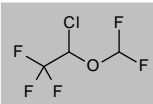
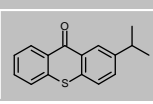
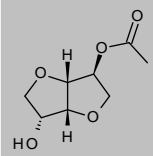
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Halometasone Monohydrate					
MM3688.00-0250	‡ Halometasone Monohydrate	1310709-74-0		250mg	
Hydrochlorothiazide					
MM0011.04-0025	Impurity C (EP): 6-Chloro- <i>N</i> -[(6-chloro-7-sulphamoyl-2,3-dihydro-4 <i>H</i> -1,2,4-benzothiadiazin-4-yl 1,1-Dioxide)methyl]-3,4-dihydro-2 <i>H</i> -1,2,4-benzothia-diazine-7-sulphonamide 1,1-Dioxide	402824-96-8		25mg	
MM0011.05-0025	5-Chlorohydrochlorothiazide	5233-42-1		25mg	
Hydrocortisone					
MM0187.01-0025	Impurity J (EP): 11β,21-Dihydroxy-3,20-dioxopregn-4-en-17-yl Acetate (Hydrocortisone 17-Acetate)	16463-74-4		25mg	
MM0185.27-0025	Impurity K (EP): 17-Hydroxy-3,20-dioxopregn-4-en-21-yl Acetate (Reichstein's Substance S 21-Acetate)	640-87-9		25mg	
MM0185.15-0025	Impurity M (EP): 11α,17,21-Trihydroxypregn-4-ene-3,20-dione (Epihydrocortisone)	566-35-8		25mg	
MM0185.35-0025	17,21-Dihydroxy-9β,11β-epoxypregn-4-ene-3,20-dione (9β,11β-Epoxyhydrocortisone)	10072-97-6		25mg	
Hydrocortisone Acetate					
MM0187.01-0025	Hydrocortisone 17-Acetate	16463-74-4		25mg	
Hydrocortisone 17-Butyrate 21-Propionate					
MM0189.00-0250	‡ Hydrocortisone 17-Butyrate 21-Propionate	72590-77-3		250mg	
Hydromorphone Hydrochloride					
MM0037.23-0025	7,8-Didehydro-4,5α-epoxy-3-hydroxy-17-methylmorphinan-6-one (Morphinone) Related compound A (USP): 7,8-didehydro-4,5alpha-epoxy-3-hydroxy-17-methylmorphinan-6-one perchlorate	467-02-7		25mg	
Ibandronate Sodium Monohydrate					
MM1326.06-0025	<i>N</i> -Desmethylibandronate Sodium	953805-81-7		25mg	

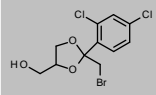
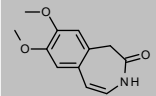
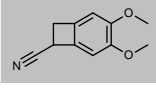
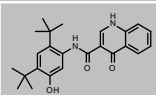
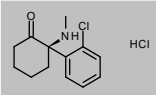
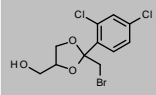
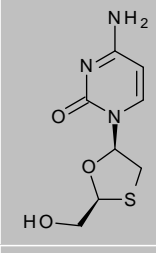
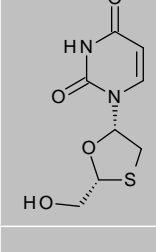
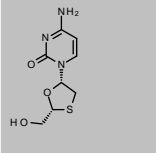
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM1326.10-0100	3-(Methylamino)propanenitrile	693-05-0		100mg	
Ibuprofen					
MM0002.41-0025	<i>N</i> -(α -Phenylethyl)ibuprofenamide	105959-56-6		25mg	
MM0002.49-0100	(2 <i>RS</i>)-2-[4-(2-Methylpropyl)phenyl]propan-1-al	51407-46-6		100mg	
MM0002.66-0025	2-[4-(2-Methylpropenyl)phenyl]propionic Acid	75625-99-9		25mg	
MM0002.74-0025	α -Phenylethylamine Hydrochloride	13437-79-1		25mg	
MM0002.75-0100	Isopropyl 4-Acetylbenzoate	220089-22-5		100mg	
Imatinib Mesilate					
MM3566.08-0025	4-(Chloromethyl)- <i>N</i> -[4-methyl-3-[[4-(pyridin-3-yl)pyrimidin-2-yl]amino]phenyl]benzamide	404844-11-7		25mg	
MM3566.09-0025	4-[[4-Formyl-1-piperazinyl)methyl]- <i>N</i> -[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]benzamide	1436868-85-7		25mg	
MM3566.12-0025	4-Formyl- <i>N</i> -[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]benzamide	1219828-35-9		25mg	
MM3566.15-0025	3-[[4-Methyl-1-piperazinyl)methyl]- <i>N</i> -[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]benzamide	1246819-59-9		25mg	
MM3566.16-0025	1-(2-Methyl-5-nitrophenyl)guanidine Nitrate	152460-08-7		25mg	
MM3566.17-0025	4-[[4-Methyl-1-piperazinyl)methyl]- <i>N</i> -[3-methyl-4-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]benzamide	1026753-54-7		25mg	
MM3566.19-0025	<i>N</i> -(2-Methyl-4-nitrophenyl)-4-(3-pyridinyl)-2-pyrimidinamine	796738-71-1		25mg	
MM3566.25-0025	4-[[4-Acetyl-1-piperazinyl)methyl]- <i>N</i> -[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]benzamide	1321600-77-4		25mg	
MM3566.26-0025	<i>N</i> -[3-[Acetyl[4-(3-pyridinyl)-2-pyrimidinyl]amino]-4-methylphenyl]-4-[[4-methyl-1-piperazinyl)methyl]benzamide	1321600-78-5		25mg	
MM3566.28-0025	4-Methyl- <i>N</i> -[4-methyl-3-[[4-(pyridin-3-yl)pyrimidin-2-yl]amino]phenyl]benzamide	152459-96-6		25mg	
MM3566.32-0025	<i>N</i> -[[5-Amino-2-methylphenyl]amino]iminomethyl]-4-[[4-methyl-1-piperazinyl)methyl]benzamide	2753049-11-3		25mg	

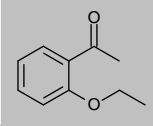
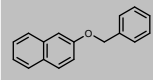
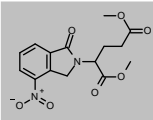
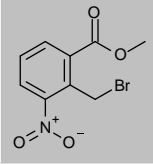
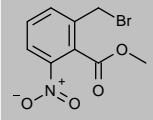
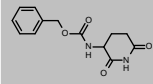
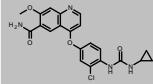
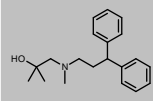
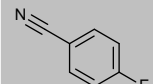
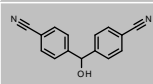
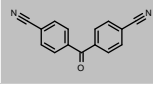
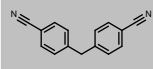
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Ipragliflozin					
MM3943.00-0250	◆ Ipragliflozin	761423-87-4		250mg	
Ipratropium Bromide					
MM1249.05-0025	Impurity E (EP): (1 <i>R</i> ,3 <i>r</i> ,5 <i>S</i>)-8-(1-Methylethyl)-8-azabicyclo[3.2.1]oct-3-yl (2 <i>RS</i>)-3-Hydroxy-2-phenylpropanoate	22235-81-0		25mg	
Irbesartan					
MM0862.05-0025	Ethyl 1-Aminocyclopentanecarboxylate Hydrochloride	22649-37-2		25mg	
MM0862.07-0025	3-[[2'-(1 <i>H</i> -Tetrazol-5-yl)biphenyl-4-yl]methyl]-1,3-diazaspiro[4.4]nonane-2,4-dione	1312996-18-1		25mg	
MM0862.21-0025	<i>N</i> -[[2'-(1 <i>H</i> -Tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]pentanamide	914465-68-2		25mg	
MM0862.28-0025	2-Butyl-3-[[[2'-(triphenylmethyl)-2 <i>H</i> -tetrazol-5-yl][1,1'-biphenyl]-4-yl]methyl]-1,3-diazaspiro[4.4]non-1-en-4-one	886999-35-5		25mg	
Irinotecan Hydrochloride Trihydrate					
MM1330.02-0025	Impurity D (EP): (4 <i>S</i>)-4-Ethyl-4-hydroxy-1 <i>H</i> -pyrano[3',4':6,7]indolizino[1,2- <i>b</i>]quinoline-3,14(4 <i>H</i> ,12 <i>H</i>)-dione (Camptothecin); (S)-(+)-Camptothecin	7689-03-4		25mg	
MM1330.03-0025	[1,4'-Bipiperidine]-1'-carboxylic Acid 12-Ethyl-9,11-dihydro-8-methyl-9-oxo-7-(1-oxopropyl)indolizino[1,2- <i>b</i>]quinolin-2-yl Ester	176515-52-9		25mg	
Isoflurane					
MM0500.00-0250	Isoflurane	26675-46-7		250mg	
2-Isopropylthioxanthone (2-ITX)					
MM2585.00-0250	‡ 2-Isopropylthioxanthone (2-ITX)	5495-84-1		250mg	
Isosorbide Mononitrate					
MM0502.03-0025	Isosorbide 2-Acetate	13042-39-2		25mg	

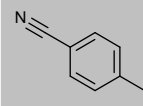
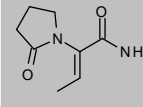
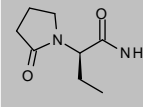
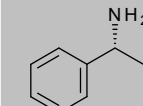
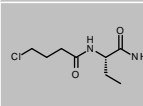
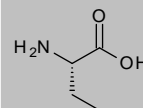
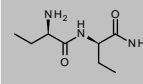
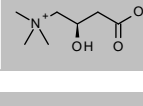
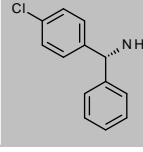
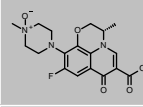
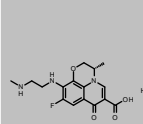
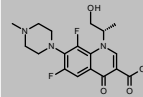
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Itraconazole					
MM0145.09-0100	[2-(Bromomethyl)-2-(2,4-dichlorophenyl)-1,3-dioxolan-4-yl] methanol	68751-57-5		100mg	
Ivabradine Hydrochloride					
MM3982.10-0025	1,3-Dihydro-7,8-dimethoxy-2H-3-benzazepin-2-one	73942-87-7		25mg	
MM3982.20-0025	3,4-Dimethoxybicyclo[4.2.0]octa-1,3,5-triene-7-carbonitrile	35202-54-1		25mg	
Ivacaftor					
MM3921.00-0250	◆ Ivacaftor	873054-44-5		250mg	
Ketamine Hydrochloride					
MM0144.10-0025	(R)-Ketamine Hydrochloride	33795-24-3		25mg	
Ketoconazole					
MM0145.09-0100	[2-(Bromomethyl)-2-(2,4-dichlorophenyl)-1,3-dioxolan-4-yl] methanol	68751-57-5		100mg	
Lamivudine					
MM0749.04-0025	Impurity D (EP): 4-Amino-1-[(2S,5R)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]pyrimidin-2(1H)-one	134680-32-3		25mg	
MM0749.10-0025	Impurity J (EP): 1-[(2R,5S)-2-(Hydroxymethyl)-1,3-oxathiolan-5-yl]pyrimidine-2,4(1H,3H)-dione	145986-07-8		25mg	
MM0749.16-0025	<i>rac-cis</i> -Lamivudine ((2RS,5SR)-Lamivudine)	136891-12-8		25mg	

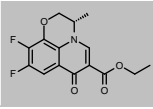
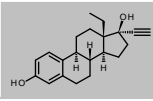
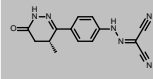
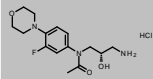
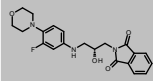
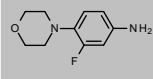
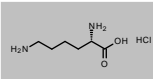
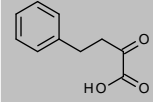
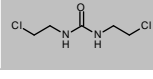
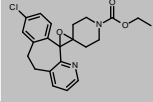
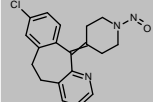
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Lansoprazole					
MM0877.16-0100	2-Etoxyacetophenone	2142-67-8		100mg	
Leachables					
MM3900.02-0100	Benzyl 2-Naphthyl Ether	613-62-7		100mg	
Lenalidomide					
MM3641.05-0025	Dimethyl 2-(1,3-Dihydro-4-nitro-1-oxo-2 <i>H</i> -isoindol-2-yl)pentanedioate	827026-43-7		25mg	
MM3641.15-0025	Methyl 2-(Bromomethyl)-3-nitrobenzoate	98475-07-1		25mg	
MM3641.16-0025	Methyl 2-(Bromomethyl)-6-nitrobenzoate	61940-21-4		25mg	
MM3641.20-0025	Benzyl N-(2,6-Dioxo-3-piperidyl)carbamate	24666-55-5		25mg	
Lenvatinib Mesilate					
MM3934.00-0250	◆ Lenvatinib	417716-92-8		250mg	
Lercanidipine Hydrochloride					
MM3441.08-0100	2-Methyl-1-[<i>N</i> -methyl- <i>N</i> -(3,3-diphenylpropyl)amino]propan-2-ol	100442-33-9		100mg	
Letrozole					
MM1143.05-0025	4-Fluorobenzonitrile	1194-02-1		25mg	
MM1143.08-0025	4,4'-(Hydroxymethylene)dibenzonitrile (Bis-(4-Cyanophenyl) methanol)	134521-16-7		25mg	
MM1143.09-0025	4,4'-Carbonyldibenzonitrile (4,4'-Dicyanobenzophenone)	32446-66-5		25mg	
MM1143.12-0025	4,4'-Methylenedibenzonitrile	10466-37-2		25mg	

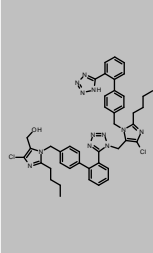
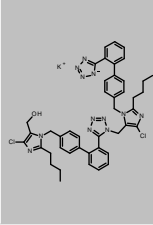
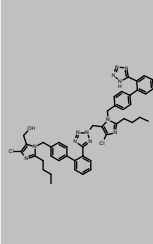
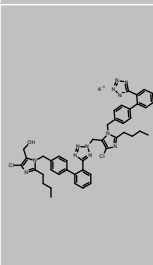
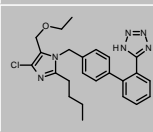
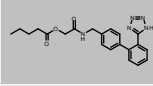
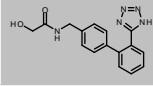
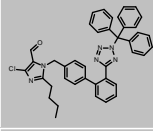
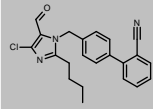
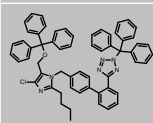
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM1143.17-0100	4-Methylbenzonitrile	104-85-8		100mg	
Levetiracetam					
MM1372.02-0025	Impurity B (EP): (2 <i>Z</i>)-2-(2-Oxopyrrolidin-1-yl)but-2-enamide	358629-47-7		25mg	
MM1372.04-0025	Impurity D (EP): (2 <i>R</i>)-2-(2-Oxopyrrolidin-1-yl)butanamide ((<i>R</i>)-Etiracetam)	103765-01-1		25mg	
MM1372.10-0100	Impurity E (EP): (1 <i>R</i>)-1-Phenylethan-1-amine	3886-69-9		100mg	
MM1372.06-0025	(<i>S</i>)- <i>N</i> -(1-Amino-1-oxobutan-2-yl)-4-chlorobutanamide Related compound A (USP): (<i>S</i>)- <i>N</i> -(1-amino-1-oxobutan-2-yl)-4-chlorobutanamide	102767-31-7		25mg	
MM1372.07-0100	(<i>S</i>)-2-Aminobutanoic Acid	1492-24-6		100mg	
MM1372.11-0025	(2 <i>R</i>)-2-[(2 <i>R</i>)-2-Aminobutanamido]butanamide	1867585-44-1		25mg	
Levocarnitine					
MM0759.00-0250	‡ Levocarnitine	541-15-1		250mg	
Levocetirizine Dihydrochloride					
MM1035.02-0100	(<i>R</i>)-(4-Chlorophenyl)phenylmethanamine	163837-57-8		100mg	
Levofloxacin Hemihydrate					
MM0846.03-0025	Impurity C (EP): 4-[(3 <i>S</i>)-6-Carboxy-9-fluoro-3-methyl-7-oxo-2,3-dihydro-7 <i>H</i> -pyrido[1,2,3-de][1,4]benzoxazin-10-yl]-1-methylpiperazine 1-Oxide (Levofloxacin <i>N</i> -Oxide)	117678-38-3		25mg	
MM0846.11-0025	Impurity G (EP) as Hydrochloride: (3 <i>S</i>)-9-Fluoro-3-methyl-10-[[2-(methylamino)ethyl]amino]-7-oxo-2,3-dihydro-7 <i>H</i> -pyrido[1,2,3-de][1,4]benzoxazine-6-carboxylic Acid Hydrochloride Related compound E (USP): (<i>S</i>)-9-Fluoro-2,3-dihydro-3-methyl-10-[2-(methylamino)ethylamino]-7-oxo-7 <i>H</i> -pyrido[1,2,3-de][1,4]benzoxazine-6-carboxylic acid	1346603-62-0		25mg	
MM0846.13-0025	(1 <i>S</i>)-6,8-Difluoro-1-[2-hydroxy-1-methylethyl]-7-(4-methylpiperazin-1-yl)-4-oxoquinoline-3-carboxylic Acid	1036016-10-0		25mg	

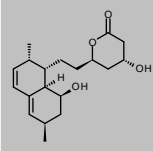
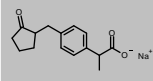
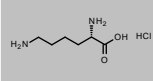
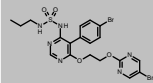
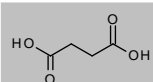
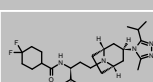
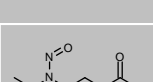
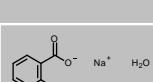
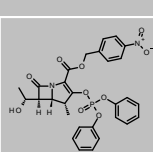
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0846.14-0025	(S)-9,10-Difluoro-2,3-dihydro-3-methyl-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic Acid Ethyl Ester	106939-34-8		25mg	
Levonorgestrel					
MM0121.13-0025	13β-Ethyl-18,19-dinor-17α-pregna-1,3,5(10)-trien-20-yne-3,17-diol (A-Aromate-Levonorgestrel)	14012-72-7		25mg	
Levosimendan					
MM3946.00-0250	◆ Levosimendan	141505-33-1		250mg	
Linezolid					
MM3300.12-0025	<i>N</i> -[(2 <i>S</i>)-3-Amino-2-hydroxypropyl]- <i>N</i> -(3-fluoro-4-morpholinophenyl)acetamide Hydrochloride	1391068-25-9		25mg	
MM3300.24-0025	<i>N</i> -(3-Phthalimido-2-(<i>R</i>)-hydroxypropyl)-3-fluoro-4-(4-morpholinyl)aniline	874340-08-6		25mg	
MM3300.23-0025	3-Fluoro-4-(4-morpholinyl)aniline	93246-53-8		25mg	
Lisdexamfetamine Dimesilate					
MM1521.00-0250	‡ Lysine Hydrochloride (L-Lysine Hydrochloride)	657-27-2		250mg	
Lisinopril Dihydrate					
MM0598.09-0025	2-Oxo-4-phenylbutanoic Acid	710-11-2		25mg	
Lomustine					
MM0923.01-0025	Impurity A (EP): 1,3-Bis(2-chloroethyl)urea	2214-72-4		25mg	
Loratadine					
MM0257.26-0025	Loratadine Epoxide	1189694-51-6		25mg	
MM0257.25-0025	<i>N</i> -Nitrosodesloratadine (8-Chloro-6,11-dihydro-11-(1-nitroso-4-piperidinylidene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridin)	1246819-22-6		25mg	

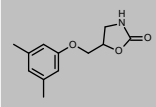
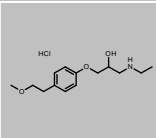
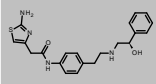
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Losartan Potassium					
MM0168.06-0025	<p>Impurity L (EP): [2-Butyl-1-[[2'-[1-[[2-butyl-4-chloro-1-[[2'-(1<i>H</i>-tetrazol-5-yl)biphenyl-4-yl]methyl]-1<i>H</i>-imidazol-5-yl]methyl]-1<i>H</i>-tetrazol-5-yl]biphenyl-4-yl]methyl-4-chloro-1<i>H</i>-imidazol-5-yl]methanol</p> <p>Related compound D (USP): 5-[4'-(2-Butyl-5-[(5-4'-[(2-butyl-4-chloro-5-hydroxymethyl-1<i>H</i>-imidazol-1-yl)methyl]biphenyl-2-yl-1<i>H</i>-tetrazol-1-yl)methyl]-4-chloro-1<i>H</i>-imidazol-1-yl)methyl]biphenyl-2-yl]tetrazol, potassium salt</p>	230971-71-8		25mg	
MM0168.32-0025	<p>Impurity L (EP) as Potassium Salt: Potassium 5-[4'-[[2-Butyl-4-chloro-5-[5-[4'-[[2-Butyl-4-chloro-5-(hydroxymethyl)-1<i>H</i>-imidazol-1-yl]methyl]biphenyl-2-yl]tetrazol-1-yl]methyl-1<i>H</i>-imidazol-1-yl]methyl]biphenyl-2-yl]tetrazolide</p> <p>Related compound D (USP): 5-[4'-(2-Butyl-5-[(5-4'-[(2-butyl-4-chloro-5-hydroxymethyl-1<i>H</i>-imidazol-1-yl)methyl]biphenyl-2-yl-1<i>H</i>-tetrazol-1-yl)methyl]-4-chloro-1<i>H</i>-imidazol-1-yl)methyl]biphenyl-2-yl]tetrazol, potassium salt</p>	212316-86-4		25mg	
MM0168.07-0025	<p>Impurity M (EP): [2-Butyl-1-[[2'-[2-[[2-butyl-4-chloro-1-[[2'-(1<i>H</i>-tetrazol-5-yl)biphenyl-4-yl]methyl]-1<i>H</i>-imidazol-5-yl]methyl]-2<i>H</i>-tetrazol-5-yl]biphenyl-4-yl]methyl]-4-chloro-1<i>H</i>-imidazol-5-yl]methanol</p> <p>Related compound E (USP): 5-[4'-(2-Butyl-5-[(5-4'-[(2-butyl-4-chloro-5-hydroxymethyl-1<i>H</i>-imidazol-1-yl)methyl]biphenyl-2-yl-2<i>H</i>-tetrazol-2-yl)methyl]-4-chloro-1<i>H</i>-imidazol-1-yl)methyl]biphenyl-2-yl]tetrazol, potassium salt</p>	230971-72-9		25mg	
MM0168.33-0025	<p>Impurity M (EP) as Potassium Salt: Potassium 5-[4'-[[2-Butyl-4-chloro-5-[5-[4'-[[2-butyl-4-chloro-5-(hydroxymethyl)-1<i>H</i>-imidazol-1-yl]methyl]biphenyl-2-yl]tetrazol-2-yl]methyl-1<i>H</i>-imidazol-1-yl]methyl]biphenyl-2-yl]tetrazolide</p> <p>Related compound E (USP): 5-[4'-(2-Butyl-5-[(5-4'-[(2-butyl-4-chloro-5-hydroxymethyl-1<i>H</i>-imidazol-1-yl)methyl]biphenyl-2-yl-2<i>H</i>-tetrazol-2-yl)methyl]-4-chloro-1<i>H</i>-imidazol-1-yl)methyl]biphenyl-2-yl]tetrazol, potassium salt</p>	212316-88-6		25mg	
MM0168.26-0025	Losartan Ethyl Ether	n/a		25mg	
MM0168.27-0025	2-Oxo-2-[[[2'-(1 <i>H</i> -tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]amino]ethyl Pentanoate	914465-61-5		25mg	
MM0168.28-0025	2-Hydroxy- <i>N</i> -[[2'-(1 <i>H</i> -tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]acetamide	914465-63-7		25mg	
MM0168.31-0025	2-Butyl-4-chloro-1-[[2'-[2-(triphenylmethyl)-2 <i>H</i> -tetrazol-5-yl][1,1'-biphenyl]-4-yl]methyl]-1 <i>H</i> -Imidazole-5-carboxaldehyde	133910-00-6		25mg	
MM0168.38-0025	2-[4-[(2-Butyl-4-chloro-5-formylimidazol-1-yl)methyl]phenyl]benzotrile	124750-67-0		25mg	
MM0168.39-0025	5-[4'-[[2-Butyl-4-chloro-5-[[(triphenylmethyl)oxy]methyl]-1 <i>H</i> -imidazol-1-yl]methyl]biphenyl-2-yl]-2-(triphenylmethyl)tetrazole	1796930-34-1		25mg	

Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Lovastatin					
MM0158.14-0025	Lovastatin Diol Lactone ((4 <i>R</i> ,6 <i>R</i>)-6-[2-[(1 <i>S</i> ,2 <i>S</i> ,6 <i>R</i> ,8 <i>S</i> ,8 <i>aR</i>)-1,2,6,7,8,8 <i>a</i> -Hexahydro-8-hydroxy-2,6-dimethyl-1-naphthalenyl]ethyl]tetrahydro-4-hydroxy-2 <i>H</i> -pyran-2-one)	79952-42-4		25mg	
Loxoprofen Sodium					
MM3940.00-0250	◆ Loxoprofen Sodium	80382-23-6		250mg	
Lysine Hydrochloride					
MM1521.00-0250	‡ Lysine Hydrochloride (L-Lysine Hydrochloride)	657-27-2		250mg	
Macitentan					
MM3908.00-0250	◆ Macitentan	441798-33-0		250mg	
Magnesium Aspartate Dihydrate					
MM0567.05-0100	Impurity F (EP): Butanedioic Acid (Succinic Acid)	110-15-6		100mg	
Maraviroc					
MM3904.00-0250	◆ Maraviroc	376348-65-1		250mg	
Mebeverine Hydrochloride					
MM0487.18-0100	<i>N</i> -Nitroso- <i>N</i> -ethyl-4-aminobutyric Acid	54897-63-1		100mg	
Meclofenamate Sodium					
MM3888.00-0250	‡ Meclofenamate Sodium Monohydrate	67254-91-5		250mg	
Meropenem Trihydrate					
MM1327.03-0025	(4-Nitrophenyl)methyl (4 <i>R</i> ,5 <i>R</i> ,6 <i>S</i>)-3-Diphenoxyphosphoryloxy-6-[(1 <i>R</i>)-1-hydroxyethyl]-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylate	90776-59-3		25mg	

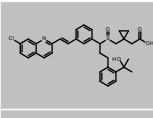
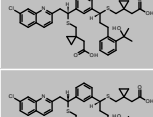
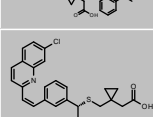
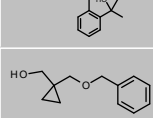
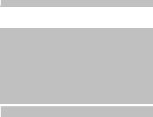
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Metaxalone					
MM3650.00-0250	◆ Metaxalone	1665-48-1		250mg	
Methotrexate					
MM0040.02-0025	Impurity E (EP): 2,4-Diamino- <i>N</i> 10-methylpteroic Acid (APA) Related compound E (USP): 4-[(2,4-Diaminopteridin-6-yl)methyl](methyl)aminobenzoic acid	19741-14-1		25mg	
Methylphenidate Hydrochloride					
MM1031.05-0025	Impurity C (EP): (2 <i>RS</i>)-2-Phenyl-2-[(2 <i>RS</i>)-piperidin-2-yl]acetamide	50288-62-5		25mg	
Metoprolol Succinate					
MM0027.30-0025	Impurity A (EP) as Hydrochloride: (2 <i>RS</i>)-1-(Ethylamino)-3-[4-(2-methoxyethyl)phenoxy]propan-2-ol Hydrochloride Related compound A (USP): (+/-)-1-(ethylamino)-3-[4-(2-methoxyethyl)phenoxy]-propan-2-ol	n/a		25mg	
Metoprolol Tartrate					
MM0027.30-0025	Impurity A (EP) as Hydrochloride: (2 <i>RS</i>)-1-(Ethyl-amino)-3-[4-(2-methoxyethyl)phenoxy]propan-2-ol Hydrochloride Related compound A (USP): (+/-)-1-(ethylamino)-3-[4-(2-methoxyethyl)phenoxy]-propan-2-ol	n/a		25mg	
MM0027.25-0100	2-Methoxyethylphenol	330976-39-1		100mg	
Mirabegron					
MM3776.00-0250	◆ Mirabegron	223673-61-8		250mg	
Mitomycin					
MM1308.01-0025	Impurity A (EP): (<i>E</i>)-3-Phenylprop-2-enamide (Cinnamamide)	22031-64-7		25mg	
Mometasone Furoate					
MM1272.04-0025	Impurity D (EP): 21-Chloro-9,11β-epoxy-16α-methyl-3,20-dioxo-9β-pregna-1,4-dien-17-yl Furan-2-carboxylate	83881-09-8		25mg	
MM1272.06-0025	Impurity F (EP): 9,21-Dichloro-11β-hydroxy-16α-methyl-3,6,20-trioxopregna-1,4-dien-17-yl Furan-2-carboxylate	1305334-30-8		25mg	

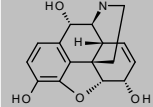
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM1272.07-0025	Impurity G (EP): 9,21-Dichloro-11 β ,17-dihydroxy-16 α -methylpregna-1,4-diene-3,20-dione (Mometasone)	105102-22-5		25mg	
MM1272.08-0025	Impurity H (EP): 9-Chloro-11 β ,21-dihydroxy-16 α -methyl-3,20-dioxopregna-1,4-dien-17-yl Furan-2-carboxylate	148596-90-1		25mg	
MM1272.12-0025	Impurity M (EP): 9-Chloro-11 β ,17-dihydroxy-16 α -methylpregna-1,4-diene-3,20-dione	57780-86-6		25mg	
MM1272.13-0025	Impurity N (EP): 9-Chloro-11 β ,17-dihydroxy-16 α -methyl-3,20-dioxopregna-1,4-dien-21-yl Methanesulfonate (Icometasone 21-Mesylate)	352315-75-4		25mg	
MM1272.14-0025	Impurity O (EP): 9-Chloro-11 β ,17-dihydroxy-16 α -methyl-3,20-dioxopregna-1,4-dien-21-yl Acetate (Icometasone 21-Acetate)	24916-91-4		25mg	
MM1272.15-0025	Impurity P (EP): 9-Chloro-11 β ,17-dihydroxy-16 α -methyl-3,20-dioxopregna-1,4-dien-21-yl Furan-2-carboxylate (Icometasone 21-Furoate)	n/a		25mg	
MM1272.17-0025	Impurity R (EP): 9-Chloro-11 β -hydroxy-16 α -methyl-21-[(methylsulfonyl)oxy]-3,20-dioxopregna-1,4-dien-17-yl Furan-2-carboxylate	1370190-08-1		25mg	
MM1272.18-0025	Impurity S (EP): 9,21-Dichloro-11 β -hydroxy-16 β -methyl-3,20-dioxopregna-1,4-dien-17-yl Furan-2-carboxylate (16- <i>epi</i> -Mometasone Furoate)	2231764-75-1		25mg	
MM1272.24-0025	6- β -Hydroxy Mometasone Furoate	132160-74-8		25mg	

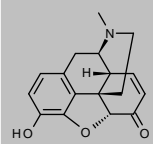
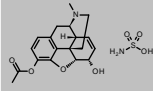
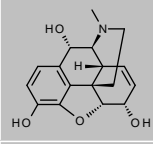
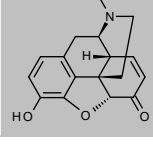
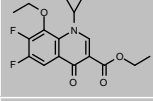
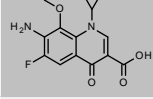
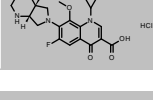
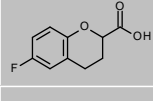
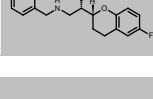
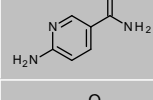
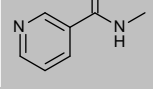
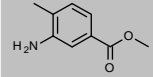
Montelukast Sodium

MM0698.10-0025	Impurity C (EP): [1-[[[1-[3-[(E)-2-(7-Chloroquinolin-2-yl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]sulfonyl]methyl]cyclopropyl]acetic Acid	2641214-96-0		25mg	
MM0698.11-0025	Impurity D (EP): (R,R)-Montelukast Bissulfide	1187586-61-3		25mg	
MM0698.12-0025	Impurity E (EP): (R,S)-Montelukast Bissulfide	1187586-58-8		25mg	
MM0698.13-0025	Impurity G (EP): [1-[[[1(R)-1-[3-[(Z)-2-(7-Chloroquinolin-2-yl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]sulfonyl]methyl]cyclopropyl]acetic Acid	774538-96-4		25mg	
MM0698.38-0100	[1-[(Benzyloxy)methyl]cyclopropyl]methanol	177200-76-9		100mg	

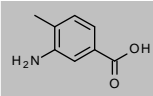
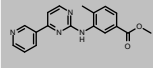
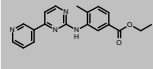
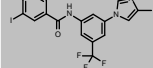
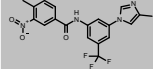
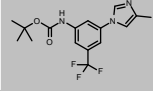
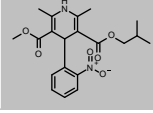
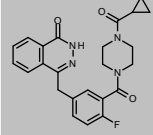
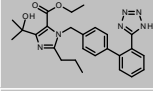
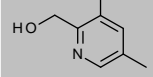
Morphine Hydrochloride

MM0037.27-0025	Impurity D (EP): 7,8-Didehydro-4,5 α -epoxy-17-methylmorphinan-3,6 α ,10 α -triol (10S-Hydroxymorphine)	131563-73-0		25mg	
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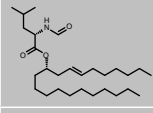
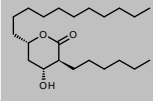
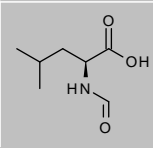
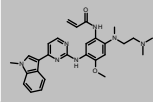
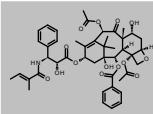
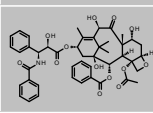
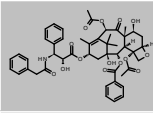
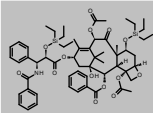
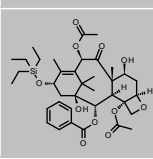
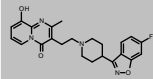
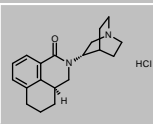
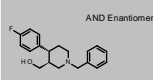
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0037.23-0025	Impurity E (EP): 7,8-Didehydro-4,5 α -epoxy-3-hydroxy-17-methylmorphinan-6-one (Morphinone)	467-02-7		25mg	
MM0037.24-0025	3-Acetylmorphine Sulfamate	62319-25-9	CS	25mg	
Morphine Sulphate					
MM0037.27-0025	Impurity D (EP): 7,8-Didehydro-4,5 α -epoxy-17-methylmorphinan-3,6 α ,10 α -triol (10 <i>S</i> -Hydroxymorphine)	131563-73-0		25mg	
MM0037.23-0025	Impurity E (EP): 7,8-Didehydro-4,5 α -epoxy-3-hydroxy-17-methylmorphinan-6-one (Morphinone)	467-02-7		25mg	
Moxifloxacin Hydrochloride					
MM0885.19-0025	1-Cyclopropyl-8-ethoxy-6,7-difluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic Acid Ethyl Ester	172602-83-4		25mg	
MM0885.20-0025	7-Amino-1-cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-4-oxo-3-quinolinecarboxylic Acid	172426-88-9		25mg	
MM0885.22-0025	(<i>R,R</i>)-Moxifloxacin Hydrochloride	1394029-14-1		25mg	
Nebivolol Hydrochloride					
MM0947.01-0025	6-Fluoro-3,4-dihydro-2 <i>H</i> -1-benzopyran-2-carboxylic Acid	99199-60-7		25mg	
MM0947.02-0025	(1 <i>S</i> ,2 <i>R</i>)-2-(2-Benzylamino-1-hydroxyethyl)-6-fluorochromane	129050-27-7		25mg	
Nicotinamide (Niacinamide)					
MM0552.07-0025	6-Aminonicotinamide	329-89-5		25mg	
MM0552.06-0025	N-Methylnicotinamide	114-33-0		25mg	
Nilotinib Hydrochloride Monohydrate					
MM3374.16-0025	Impurity B (EP): Methyl 3-Amino-4-methylbenzoate Related compound B (USP)	18595-18-1		25mg	

Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM3374.17-0025	Impurity C (EP): 3-Amino-4-methylbenzoic Acid	2458-12-0		25mg	
MM3374.20-0025	Impurity G (EP): Methyl 4-Methyl-3-[[4-(pyridin-3-yl)pyrimidin-2-yl]amino]benzoate	917392-54-2		25mg	
MM3374.02-0025	Ethyl 4-Methyl-3-[[4-(pyridin-3-yl)pyrimidin-2-yl]amino]benzoate	641569-97-3		25mg	
MM3374.07-0025	3-Iodo-4-methyl-N-[3-(4-methyl-1H-imidazol-1-yl)-5-(trifluoromethyl)phenyl]benzamide	926922-18-1		25mg	
MM3374.10-0025	N-[3-Bromo-5-(trifluoromethyl)phenyl]-4-methyl-3-[[4-(pyridin-3-yl)pyrimidin-2-yl]amino]benzamide	1205540-16-4		25mg	
MM3374.13-0025	4-Methyl-N-[3-(4-methyl-1H-imidazol-1-yl)-5-(trifluoromethyl)phenyl]-3-nitrobenzamide	1157857-29-8		25mg	
MM3374.14-0025	1,1-Dimethylethyl N-[3-(4-Methyl-1H-imidazol-1-yl)-5-(trifluoromethyl)phenyl]carbamate	641571-14-4		25mg	
Nisoldipine					
MM3912.00-0250	◆ Nisoldipine	63675-72-9		250mg	
Olaparib					
MM3926.00-0250	◆ Olaparib	763113-22-0		250mg	
Olmesartan Medoxomil					
MM1317.14-0025	Olmesartan Ethyl Ester	144689-23-6		25mg	
MM1317.18-0100	4-(Chloromethyl)-5-methyl-1,3-dioxol-2-one	80841-78-7		100mg	
Omeprazole					
MM0095.10-0025	2,3,5-Trimethylpyridine N-Oxide	74409-42-0		25mg	
MM0095.51-0100	2-Hydroxymethyl-3,5-dimethylpyridine	202932-05-6		100mg	

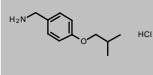
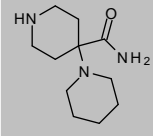
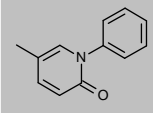
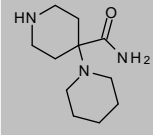
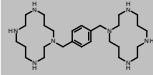
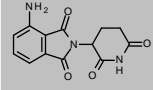
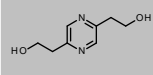
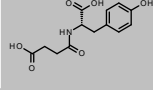
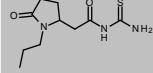
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Orlistat					
MM1219.14-0050	<i>N</i> -Formyl- <i>L</i> -leucine [<i>S</i> -(<i>E</i>)]-1-(2-Nonenyl)dodecyl Ester	130676-63-0		50mg	
MM1219.16-0025	(3 <i>S</i> ,4 <i>R</i> ,6 <i>S</i>)-3-Hexyl-3,4,5,6-tetrahydro-4-hydroxy-6-undecyl-2 <i>H</i> -pyran-2-one	130793-26-9		25mg	
MM1219.18-0025	◆ <i>N</i> -Formyl- <i>L</i> -leucine	6113-61-7		25mg	
Osimertinib Mesilate					
MM3918.00-0250	◆ Osimertinib	1421373-65-0		250mg	
Paclitaxel					
MM1489.19-0025	Impurity D (EP): <i>N</i> -Debenzoyl- <i>N</i> -tigloyl-7- <i>epi</i> -paclitaxel (7- <i>epi</i> -Cephalomannine)	150547-36-7		25mg	
MM1489.01-0025	Impurity H (EP): 10- <i>O</i> -Deacetyl-7- <i>epi</i> -paclitaxel Related compound B (USP): 10-deacetyl-7- <i>epi</i> paclitaxel	78454-17-8		25mg	
MM1489.25-0025	Impurity P (EP): <i>N</i> -Debenzoyl- <i>N</i> -(phenylacetyl)paclitaxel	173101-56-9		25mg	
MM1489.32-0025	2',7-Bis(triethylsilyl)paclitaxel	135365-62-7		25mg	
MM1489.42-0025	13- <i>O</i> -(Triethylsilyl)baccatin III	208406-86-4		25mg	
Paliperidone					
MM3409.17-0025	3-[2-[4-(6-Fluoro-1,2-benzoxazol-3-yl)-1-piperidyl]ethyl]-9-hydroxy-2-methyl-pyrido[1,2- <i>a</i>]pyrimidin-4-one	766485-15-8		25mg	
Palonosetron Hydrochloride					
MM3779.00-0250	‡ Palonosetron Hydrochloride	135729-62-3		250mg	
Paroxetine Hydrochloride					
MM1032.21-0025	<i>trans</i> -1-Benzyl-4-(4-fluorophenyl)piperidin-3-yl]methanol	188869-25-2		25mg	

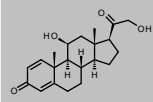
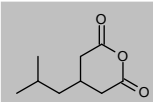
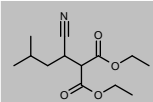
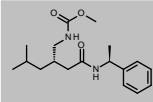
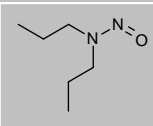
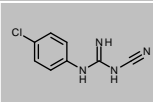
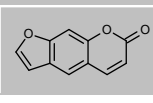
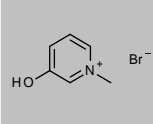
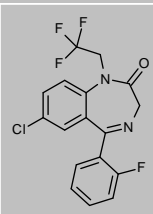
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM1032.22-0025	(3 <i>S</i> ,4 <i>R</i>)-4-(4-Fluorophenyl)-1-methyl-3-piperidinemethanol 3-(4-Methylbenzenesulfonate)	317323-77-6		25mg	
Pazopanib Hydrochloride					
MM3391.05-0100	2,4-Dichloropyrimidine	3934-20-1		100mg	
MM3391.07-0025	1-(2-Chloropyrimidin-4-yl)pyrimidine-2,4-dione	n/a		25mg	
Pemetrexed Disodium Heptahydrate					
MM1301.10-0025	Impurity E (EP) as Disodium Salt: (2 <i>R</i>)-2-[[4-[2-(2-Amino-4-oxo-4,7-dihydro-1 <i>H</i> -pyrrolo[2,3- <i>d</i>]pyrimidin-5-yl)ethyl]benzoyl]amino]pentanedioic Acid Disodium Salt ((<i>R</i>)-Pemetrexed Disodium)	937370-10-0		25mg	
MM1301.17-0025	4-[2-(2-Amino-4-oxo-3,7-dihydropyrrolo[2,3- <i>d</i>]pyrimidin-5-yl)ethyl]benzoic Acid	137281-39-1		25mg	
Perindopril tert-Butylamine					
MM0926.04-0025	Impurity D (EP): (2 <i>S</i>)-2-[(3 <i>S</i> ,5 <i>aS</i> ,9 <i>aS</i> ,10 <i>aR</i>)-3-Methyl-1,4-dioxodecahydropyrazino[1,2- <i>a</i>]indol-2(1 <i>H</i>)-yl]pentanoic Acid Related compound D (USP): (S)-2-(3 <i>S</i> ,5 <i>aS</i> ,9 <i>aS</i> ,10 <i>aR</i>)-3-methyl-1,4-dioxodecahydropyrazino[1,2- <i>a</i>]indol-2(1 <i>H</i>)-ylpentanoic acid	130061-28-8		25mg	
MM0926.17-0025	Impurity L (EP): (2 <i>S</i> ,3 <i>aS</i> ,7 <i>aS</i>)-1-Acetyloctahydro-1 <i>H</i> -indole-2-carboxylic Acid	111836-22-7		25mg	
Phenylephrine Hydrochloride					
MM0081.31-0025	<i>N</i> -Methyl- <i>p</i> -toluenesulfonamide	640-61-9		25mg	
Phloroglucinol					
MM3572.04-0100	Impurity I (EP): 2,6-Dichlorophenol	87-65-0		100mg	
Pholcodine Monohydrate					
MM0733.08-0025	10 <i>α</i> -Hydroxypholcodine ((10 <i>S</i>)-10-Hydroxypholcodine)	433308-87-3		25mg	

Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Pimavanserin Hemitartrat					
MM3578.04-0025	[4-(2-Methylpropoxy)phenyl]methanamine Hydrochloride	37806-44-3		25mg	
Pipamperone Dihydrochloride					
MM1977.04-0025	1,4'-Bipiperidiny-4'-carboxamide	39633-82-4		25mg	
Pirfenidone					
MM3925.00-0250	◆ Pirfenidone	53179-13-8		250mg	
Piritramide					
MM1977.04-0025	1,4'-Bipiperidiny-4'-carboxamide	39633-82-4		25mg	
Plerixafor					
MM3938.00-0250	◆ Plerixafor	110078-46-1		250mg	
Pomalidomide					
MM3919.00-0250	‡ Pomalidomide	19171-19-8		250mg	
Potassium Clavulanate (Clavulanate Potassium)					
MM0273.01-0025	Impurity A (EP): Pyrazine-2,5-diyl(diethanol)	4744-51-8		25mg	
MM0273.11-0025	Impurity G (EP): 4-[[[(1S)-1-Carboxy-2-(4-hydroxyphenyl)ethyl]amino]-4-oxobutanoic Acid (<i>N</i> -(Hydrogensuccinyl) tyrosine)	374816-32-7		25mg	
Pramipexole Dihydrochloride Monohydrate					
MM0332.12-0025	<i>N</i> -(Aminothioxomethyl)-2-(5-oxo-1-propylpyrrolidin-2-yl)acetamide	936751-11-0		25mg	

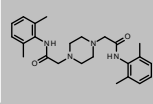
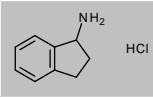
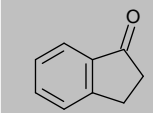
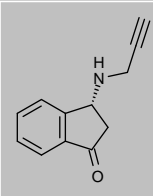
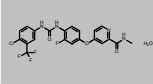
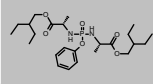
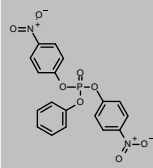
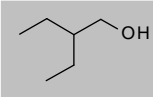
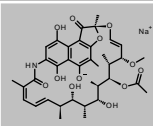
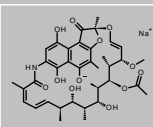
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Prednisolone					
MM0193.13-0025	Impurity I (EP): 11 β ,21-Dihydroxypregna-1,4-diene-3,20-dione (17-Desoxyprednisolone)	13479-38-4		25mg	
Pregabalin					
MM1376.17-0100	4-(2-Methylpropyl)tetrahydropyran-2,6-dione (3-Isobutylglutaric Anhydride)	185815-59-2		100mg	
MM1376.18-0100	Diethyl 2-(1-Cyano-3-methylbutyl)propanedioate	186038-82-4		100mg	
MM1376.32-0025	Methyl N-[(2S)-4-Methyl-2-[2-oxo-2-[[[(1S)-1-phenylethyl]amino]ethyl]pentyl]carbamate	930280-44-7		25mg	
Probenecid					
MM0487.20-0100	<i>N</i> -Nitroso- <i>N</i> -di- <i>n</i> -propylamine	621-64-7		100mg	
Proguanil Hydrochloride					
MM0840.06-0025	Impurity E (EP): <i>N</i> -(4-Chlorophenyl)- <i>N</i> '-cyanoguanidine Related compound E (USP): 1-(4-chlorophenyl)-3-cyanoguanidine	1482-62-8		25mg	
Psoralen					
MM3915.00-0250	◆ Psoralen	66-97-7		250mg	
Pyridostigmine Bromide					
MM0429.04-0025	Impurity B (EP) as Bromide: 3-Hydroxy-1-methylpyridinium Bromide Related compound B (USP): 3-Hydroxy-1-methylpyridin-1-ium	31034-86-3		25mg	
Quazepam					
MM3410.01-0025	7-Chloro-1-(2,2,2-trifluoroethyl)-5-(2-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepine-2-one Related compound A (USP): 7-Chloro-1-(2,2,2-trifluoroethyl)-5-(2-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepine-2-one	49606-44-2		25mg	

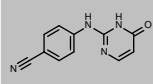
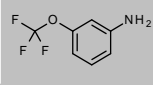
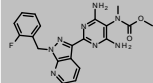
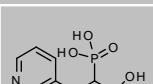
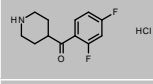
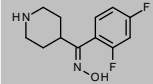
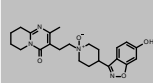
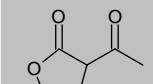
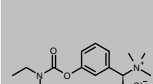
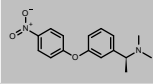
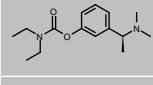
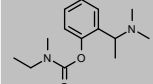
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Quetiapine Fumarate					
MM1130.34-0025	Impurity C (EP): 2-[2-[4-(Dibenzo[<i>b,f</i>][1,4]thiazepin-11-yl)piperazin-1-yl]ethoxy]ethyl 2-[4-(Dibenzo[<i>b,f</i>][1,4]thiazepin-11-yl)piperazin-1-yl]acetate	1798840-31-9		25mg	
MM1130.06-0025	Impurity D (EP): 11,11'-Piperazine-1,4-diylbis(dibenzo[<i>b,f</i>][1,4]thiazepine)	945668-94-0		25mg	
MM1130.12-0025	Impurity L (EP): 2-[2-[4-(9-Chlorodibenzo[<i>b,f</i>][1,4]thiazepin-11-yl)piperazin-1-yl]ethoxy]ethanol	1371638-11-7		25mg	
MM1130.35-0025	Impurity N (EP): 2-[2-[4-[2-[2-[4-(Dibenzo[<i>b,f</i>][1,4]thiazepin-11-yl)piperazin-1-yl]ethoxy]ethyl]piperazin-1-yl]ethoxy]ethanol	1800291-86-4		25mg	
MM1130.27-0025	Impurity Q (EP) as Chloride: 4-(Dibenzo[<i>b,f</i>][1,4]thiazepin-11-yl)-1,1-bis[2-(2-hydroxyethoxy)ethyl]piperazin-1-ium Chloride	n/a		25mg	
MM1130.21-0025	2-[2-[2-[2-[4-(Dibenzo[<i>b,f</i>][1,4]thiazepin-11-yl)piperazin-1-yl]ethoxy]ethoxy]ethoxy]ethanol Dihydrochloride	1825392-15-1		25mg	
MM1130.33-0025	1-Nitro-2-phenylsulfanylbenzene	4171-83-9		25mg	
MM1130.43-0025	Phenyl <i>N</i> -[(2-Phenylsulfanyl)phenyl]carbamate	111974-73-3		25mg	
MM1130.45-0025	Dibenzo[<i>b,f</i>][1,4]thiazepin-11(10 <i>H</i>)-one 5,5-Dioxide	22871-33-6		25mg	
MM1130.46-0025	11-(4-Methylpiperazin-1-yl)dibenzo[<i>b,f</i>][1,4]thiazepine	1977-09-9		25mg	
MM1130.50-0025	4-Dibenzo[<i>b,f</i>][1,4]thiazepin-11-ylpiperazine-1-carboxaldehyde	1011757-97-3		25mg	
MM1130.51-0050	11-[4-[2-(2-Ethoxyethoxy)ethyl]piperazin-1-yl]dibenzo[<i>b,f</i>][1,4]thiazepine	1011758-06-7		50mg	
Ranitidine Hydrochloride					
MM0086.09-0025	1-[2-(5-Dimethylaminomethyl-2-furanyl)methylthio]ethylamino]-1-methylthio-2-nitroethene	72115-14-1		25mg	
Ranolazine					
MM1320.03-0025	<i>N,N'</i> -Bis(2,6-dimethylphenyl)-1,4-piperazinediacetamide Related compound D (USP): 2,2'-(Piperazine-1,4-diyl)bis[<i>N</i> -(2,6-dimethylphenyl)acetamide]	380204-72-8		25mg	

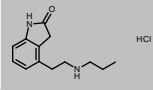
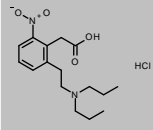
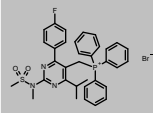
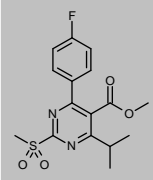
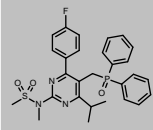
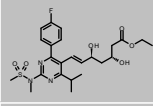
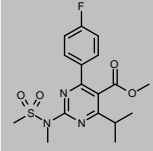
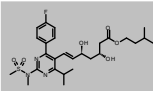
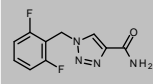
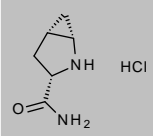
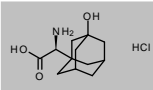
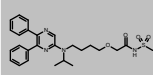
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Ranolazine Dihydrochloride					
MM1320.03-0025	<i>N,N'</i> -Bis(2,6-dimethylphenyl)-1,4-piperazinediacetamide Related compound D (USP): 2,2'-(Piperazine-1,4-diyl)bis[<i>N</i> -(2,6-dimethylphenyl)acetamide]	380204-72-8		25mg	
Rasagiline Mesilate					
MM3667.04-0025	Indan-1-amine Hydrochloride	70146-15-5		25mg	
MM3667.05-0025	Indan-1-one (1-Indanone)	83-33-0		25mg	
MM3667.09-0025	(3 <i>R</i>)-3-(Prop-2-yn-1-ylamino)indan-1-one (3-Ketorasagiline)	1312077-05-6		25mg	
Regorafenib Monohydrate					
MM3873.00-0250	◆ Regorafenib Monohydrate	1019206-88-2		250mg	
Remdesivir					
MM3891.10-0100	2-Ethylbutyl (2 <i>S</i>)-2-[[[(1 <i>S</i>)-2-(2-Ethylbutoxy)-1-methyl-2-oxoethyl]amino]-(4-nitrophenoxy)phosphoryl]amino]propanoate	n/a		100mg	
MM3891.11-0025	Bis(4-nitrophenyl)phenyl Phosphate	38873-96-0		25mg	
MM3891.14-0100	2-Ethyl-1-butanol	97-95-0		100mg	
Rifamycin Sodium					
MM3747.00-0250	◆ Rifamycin Sodium (Rifamycin SV Sodium)	14897-39-3		250mg	
Rifaximin					
MM3747.00-0250	◆ Impurity C (EP) as Sodium Salt: Rifamycin SV Sodium	14897-39-3		250mg	

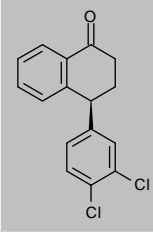
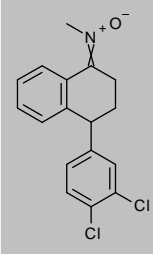
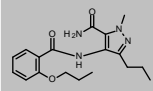
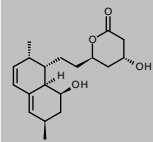
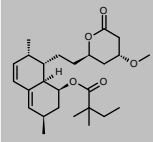
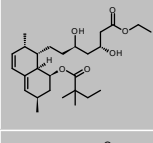
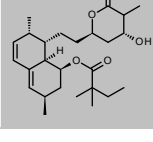
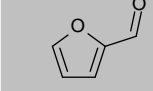
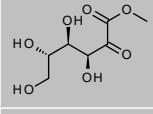
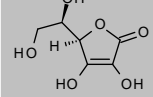
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Rilpivirine Hydrochloride					
MM3376.05-0025	4-[(6-Oxo-1H-pyrimidin-2-yl)amino]benzotrile	189956-45-4		25mg	
Riluzole					
MM1382.11-0100	3-(Trifluoromethoxy)aniline	1535-73-5		100mg	
Riociguat					
MM3923.00-0250	◆ Riociguat	625115-55-1		250mg	
Risedronate Sodium 2.5-Hydrate					
MM0777.05-0025	Impurity E (EP): [2-(Pyridin-3-yl)ethylidene]bis(phosphonic Acid) Related compound C (USP): [2-(3-pyridinyl)ethylidene-1,1] bis(phosphonic acid)	75755-10-1		25mg	
Risperidone					
MM0491.12-0025	4-(2,4-Difluorobenzoyl)piperidine Hydrochloride	106266-04-0		25mg	
MM0491.28-0025	(Z)-(2,4-Difluorophenyl)-(4-piperidyl)methanone Oxime	691007-05-3		25mg	
MM0491.31-0025	3-[2-[4-(6-Hydroxy-1,2-benzoxazol-3-yl)-1-oxidopiperidin-1-ium-1-yl]ethyl]-2-methyl-6,7,8,9-tetrahydro-4H-pyrido[1,2-a]pyrimidin-4-one (6-Desfluoro-6-hydroxyrisperidone N-Oxide)	832747-58-7		25mg	
MM0491.25-0100	2-Acetylbutyrolactone	517-23-7		100mg	
Rivastigmine Hydrogen Tartrate					
MM1497.10-0025	(S)-1-[3-[(Ethyl(methyl)carbamoyl)oxy]phenyl]-N,N,N-trimethylethanaminium Chloride Related compound E (USP): (S)-1-(3-[Ethyl(methyl)carbamoyl]oxyphenyl)-N,N,N-trimethylethanaminium	n/a		25mg	
MM1497.15-0100	(S)-N,N-Dimethyl-1-[3-(4-nitrophenoxy)phenyl]ethanamine	1346242-32-7		100mg	
MM1497.16-0100	3-[(1S)-1-(Dimethylamino)ethyl]phenyl Diethylcarbamate	1230021-34-7		100mg	
MM1497.21-0100	2-[(1RS)-1-(Dimethylamino)ethyl]phenyl N-Ethyl-N-methylcarbamate ((RS)-Rivastigmine 2-Isomer)	1346242-34-9		100mg	

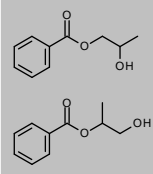
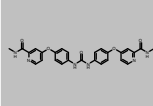
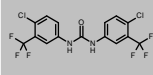
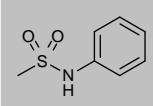
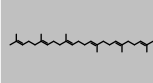
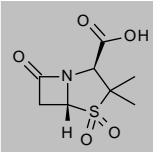
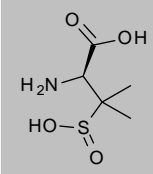
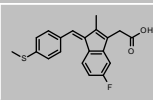
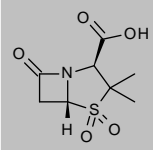
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Ropinirole Hydrochloride					
MM0331.01-0025	Impurity D (EP) as Hydrochloride: 4-[2-(Propylamino)ethyl]-1,3-dihydro-2 <i>H</i> -indol-2-one Hydrochloride	173990-76-6		25mg	
MM0331.22-0025	2-[2-[2-(Dipropylamino)ethyl]-6-nitrophenyl]acetic Acid Hydrochloride	91374-25-3		25mg	
Rosuvastatin Calcium					
MM0936.37-0025	((4-(4-Fluorophenyl)-6-isopropyl-2-(<i>N</i> -methylmethanesulfonamido)pyrimidin-5-yl)methyl)triphenylphosphonium Bromide	885477-83-8		25mg	
MM0936.36-0025	Methyl 4-(4-Fluorophenyl)-6-isopropyl-2-methylsulfonylpyrimidine-5-carboxylate	799842-06-1		25mg	
MM0936.35-0025	<i>N</i> -[5-[(Diphenylphosphinyl)methyl]-4-(4-fluorophenyl)-6-(1-methylethyl)-2-pyrimidinyl]- <i>N</i> -methylmethanesulfonamide	289042-10-0		25mg	
MM0936.38-0025	Rosuvastatin Ethyl Ester	851443-04-4		25mg	
MM0936.34-0025	Methyl 4-(4-Fluorophenyl)-6-(1-methylethyl)-2-(methanesulfonamido)pyrimidine-5-carboxylate	289042-11-1		25mg	
MM0936.41-0025	Rosuvastatin Isoamyl Ester	1197348-98-3		25mg	
Rufinamide					
MM3338.00-0250	◆ Rufinamide	106308-44-5		250mg	
Saxagliptin Hydrochloride					
MM3377.09-0025	(1 <i>S</i> ,3 <i>S</i> ,5 <i>S</i>)-2-Azabicyclo[3.1.0]hexane-3-carboxamide Hydrochloride	709031-39-0		25mg	
MM3377.25-0025	(2 <i>S</i>)-2-Amino-2-(3-hydroxytricyclo[3.3.1.1(3,7)]dec-1-yl)acetic Acid Hydrochloride	865999-64-0		25mg	
Selexipag					
MM3799.00-0250	‡ Selexipag	475086-01-2		250mg	

Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Sertraline Hydrochloride					
MM0317.17-0025	(4 <i>S</i>)-4-(3,4-Dichlorophenyl)-3,4-dihydronaphthalen-1(2 <i>H</i>)-one	124379-29-9		25mg	
MM0317.18-0025	<i>N</i> -[4-(3,4-Dichlorophenyl)-3,4-dihydro-1(2 <i>H</i>)-naphthalenylidene]methanamine <i>N</i> -Oxide	209473-00-7		25mg	
Sildenafil Citrate					
MM0254.46-0025	4-(2-Propoxybenzoylamino)-1-methyl-3-propyl-1 <i>H</i> -pyrazole-5-carboxamide	139756-04-0		25mg	
Simvastatin					
MM0158.14-0025	Impurity H (EP) as (4 <i>R</i>)-isomer: Lovastatin Diol Lactone ((4 <i>R</i> ,6 <i>R</i>)-6-[2-[(1 <i>S</i> ,2 <i>S</i> ,6 <i>R</i> ,8 <i>S</i> ,8 <i>aR</i>)-1,2,6,7,8,8 <i>a</i> -Hexahydro-8-hydroxy-2,6-dimethyl-1-naphthalenyl]ethyl]tetrahydro-4-hydroxy-2 <i>H</i> -pyran-2-one)	79952-42-4		25mg	
MM0158.17-0025	Impurity J (EP): (1 <i>S</i> ,3 <i>R</i> ,7 <i>S</i> ,8 <i>S</i> ,8 <i>aR</i>)-8-[2-[(2 <i>R</i> ,4 <i>R</i>)-4-Methoxy-6-oxooxan-2-yl]ethyl]-3,7-dimethyl-1,2,3,7,8,8 <i>a</i> -hexahydronaphthalen-1-yl 2,2-Dimethylbutanoate (Simvastatin Methyl Ether)	864357-88-0		25mg	
MM0158.21-0025	Impurity M (EP): Ethyl (3 <i>R</i> ,5 <i>R</i>)-7-[(1 <i>S</i> ,2 <i>S</i> ,6 <i>R</i> ,8 <i>S</i> ,8 <i>aR</i>)-8-[(2,2-Dimethylbutanoyl)oxy]-2,6-dimethyl-1,2,6,7,8,8 <i>a</i> -hexahydronaphthalen-1-yl]-3,5-dihydroxyheptanoate (Simvastatin Ethyl Ester)	864357-87-9		25mg	
MM0158.10-0025	Impurity N (EP): (1 <i>S</i> ,3 <i>R</i> ,7 <i>S</i> ,8 <i>S</i> ,8 <i>aR</i>)-8-[2-[(2 <i>R</i> ,4 <i>R</i> ,5 <i>RS</i>)-4-Hydroxy-5-methyl-6-oxooxan-2-yl]ethyl]-3,7-dimethyl-1,2,3,7,8,8 <i>a</i> -hexahydronaphthalen-1-yl 2,2-Dimethylbutanoate (5-Methylsimvastatin)	774611-54-0		25mg	
Sodium Ascorbate					
MM0397.02-0500	Impurity A (EP): Furan-2-carbaldehyde (Furfural)	98-01-1		500mg	
MM0166.09-0025	Impurity D (EP): Methyl L-xylo-Hex-2-ulosonate (Methyl L-Sorbosonate)	3031-98-9		25mg	
MM0166.10-0100	Impurity F (EP): (5 <i>R</i>)-5-[(1 <i>R</i>)-1,2-Dihydroxyethyl]-3,4-dihydroxyfuran-2(5 <i>H</i>)-one (D-Isoascorbic Acid)	89-65-6		100mg	

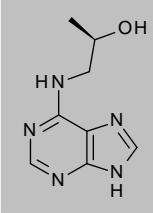
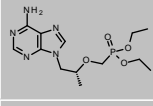
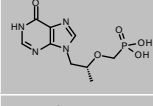
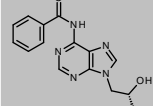
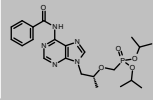
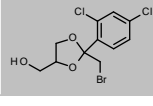
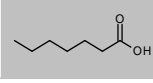
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Sodium Benzoate					
MM0730.03-0050	◆ Benzoic Acid 1,2-Propylene Glycol Esters (Mixture of Isomers)	n/a		50mg	
Sorafenib Tosylate					
MM3585.07-0025	Impurity E (EP): 4,4'-[Carbonylbis(azanediyl-4,1-phenyleneoxy)]bis(<i>N</i> -methylpyridine-2-carboxamide)	284670-98-0		25mg	
MM3585.03-0025	Flucufuron	370-50-3		25mg	
Sotalol Hydrochloride					
MM0046.06-0025	<i>N</i> -Phenylmethanesulfonamide	1197-22-4		25mg	
Squalene					
MM3951.00-0250	◆ Squalene	111-02-4		250mg	
Sulbactam Sodium					
MM0308.01-0250	‡ Sulbactam	68373-14-8		250mg	
MM0308.03-0025	Impurity A (EP): (2 <i>S</i>)-2-Amino-3-methyl-3-sulfinobutanoic Acid Related compound A (USP): (2 <i>S</i>)-2-Amino-3-methyl-3-sulfinobutanoic acid	23315-18-6		25mg	
Sulindac					
MM0624.03-0025	Impurity C (EP): Sulindac Sulphane Related compound C (USP): (Z)-2-5-fluoro-2-methyl-1-[4-(methylthio)benzylidene]-1H-inden-3-ylacetic acid	49627-27-2		25mg	
Sultamicillin Tosilate Dihydrate					
MM0308.01-0250	Impurity A (EP): (2 <i>S</i> ,5 <i>R</i>)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic Acid 4,4-Dioxide (Sulbactam)	68373-14-8		250mg	

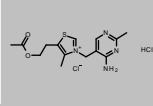
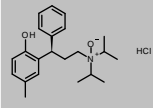
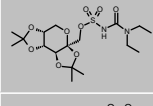
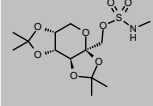
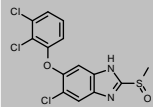
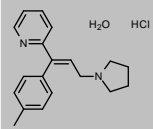
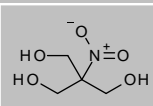
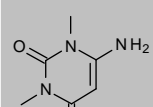
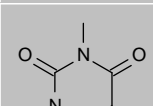
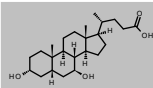
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Sumatriptan Succinate					
MM0310.11-0100	4,4-Dimethoxy- <i>N,N</i> -dimethylbutan-1-amine (4-(Dimethylamino)butyraldehyde Dimethyl Acetal)	19718-92-4		100mg	
MM0310.14-0100	4,4-Dimethoxybutyronitrile	14618-78-1		100mg	
Sunitinib Malate					
MM3568.05-0025	Sunitinib <i>N</i> -Oxide	356068-99-0		25mg	
MM3568.15-0025	<i>N</i> -[2-(Diethylamino)ethyl]-2,4-dimethyl-5-[(<i>Z</i>)-(2-oxoindolin-3-ylidene)methyl]-1 <i>H</i> -pyrrole-3-carboxamide (Desfluorosunitinib)	326914-09-4		25mg	
Suvorexant					
MM3792.00-0250	◆ Suvorexant	1030377-33-3		250mg	
Tamoxifen Citrate					
MM0877.13-0100	Butyrophenone	495-40-9		100mg	
Tamsulosin Hydrochloride					
MM0938.21-0025	(2 <i>R</i>)-1-(4-Methoxyphenyl)- <i>N</i> -[(1 <i>R</i>)-1-phenylethyl]propan-2-amine Hydrochloride	50505-66-3		25mg	
MM0938.22-0025	2-(2-Ethoxyphenoxy)- <i>N</i> -[(1 <i>R</i>)-2-(4-methoxy-3-sulfamoylphenyl)-1-methylethyl]acetamide	133261-17-3		25mg	
Telmisartan					
MM0939.19-0025	Methyl 4-Methyl-2-propyl-1 <i>H</i> -benzimidazole-6-carboxylate Hydrochloride	1206680-19-4		25mg	
MM0939.20-0025	4'-(Bromomethyl)[1,1'-biphenyl]-2-carboxamide	147404-72-6		25mg	

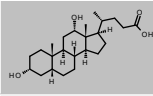
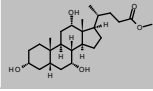
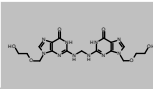
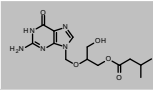
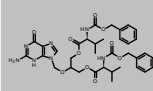
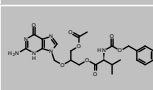
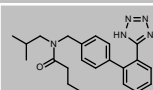
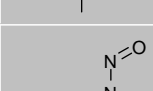
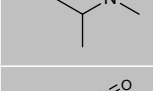
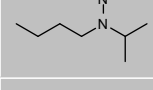
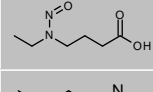
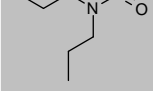
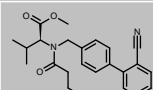
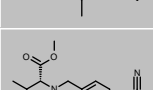
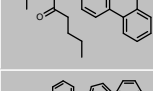
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Tenofovir Disoproxil Fumarate					
MM1329.05-0025	(2 <i>R</i>)-1-(9 <i>H</i> -Purin-6-ylamino)propan-2-ol	1244022-52-3		25mg	
MM1329.08-0025	Diisopropyl [[[2 <i>R</i>]-1-(6-Amino-9 <i>H</i> -purin-9-yl)propan-2-yloxy]methyl]phosphonate	160616-04-6		25mg	
MM1329.12-0025	Diethyl [[[2 <i>R</i>]-1-(6-Amino-9 <i>H</i> -purin-9-yl)propan-2-yloxy]methyl]phosphonate	180587-75-1		25mg	
MM1329.13-0025	[[[2 <i>R</i>]-1-(1,6-Dihydro-6-oxo-9 <i>H</i> -purin-9-yl)propan-2-yloxy]methyl]phosphonic Acid	160616-13-7		25mg	
MM1329.14-0025	<i>N</i> -[9-[(2 <i>R</i>)-2-Hydroxypropyl]-9 <i>H</i> -purin-6-yl]benzamide	160616-03-5		25mg	
MM1329.15-0025	(<i>S</i>)-Tenofovir Disoproxil Fumarate Related compound A (USP): (S)-5-[[2-(6-Amino-9 <i>H</i> -purin-9-yl)-1-methylethoxy]methyl]-2,4,6,8-tetraoxa-5-phosphanonanedioic acid bis(1-methylethyl) ester 5-oxide	1432630-26-6		25mg	
MM1329.17-0025	Diisopropyl [[[2 <i>R</i>]-1-[6-(Benzoylamino-9 <i>H</i> -purin-9-yl)]propan-2-yloxy]methyl]phosphonate	627510-49-0		25mg	
Terconazole					
MM0145.09-0100	[2-(Bromomethyl)-2-(2,4-dichlorophenyl)-1,3-dioxolan-4-yl]methanol	68751-57-5		100mg	
Testosterone Enantate					
MM1119.01-0100	Impurity A (EP): Heptanoic Acid	111-14-8		100mg	
Tetraxetan					
MM3916.00-0250	◆ Tetraxetan	60239-18-1		250mg	
Thiamine Hydrochloride					
MM0049.08-0025	Impurity B (EP) as Chloride Hydrochloride: 3-[(4-Aminopyrimidin-5-yl)methyl]-5-(2-hydroxyethyl)-4-ethylthiazolium Chloride Hydrochloride (Desmethylthiamine Chloride Hydrochloride)	49614-72-4		25mg	

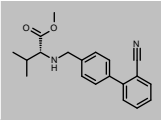
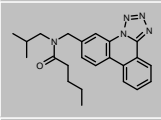
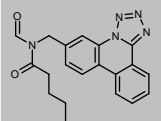
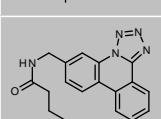
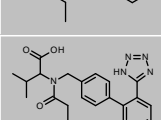
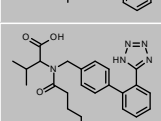
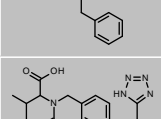
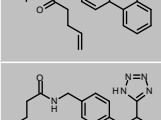
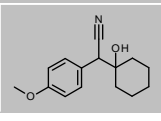
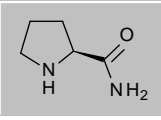
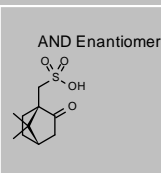
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0049.18-0025	5-[2-(Acetyloxy)ethyl]-3-[(4-amino-2-methylpyrimidin-5-yl)methyl]-4-methyl-1,3-thiazol-3-ium Chloride Hydrochloride (Acetylthiamine Hydrochloride)	1037-29-2		25mg	
Tolterodine Tartrate					
MM0900.19-0025	Impurity G (EP) as Hydrochloride: 2-[(1 <i>R</i>)-3-[Bis(1-methylethyl)amino]-1-phenylpropyl]-4-methylphenol <i>N</i> -Oxide Hydrochloride (Tolterodine <i>N</i> -Oxide Hydrochloride)	n/a		25mg	
Topiramate					
MM1348.09-0025	Impurity B (EP): 2,3:4,5-Bis- <i>O</i> -(propan-2,2-diyl)- β - <i>D</i> -fructopyranose 1-[<i>N</i> -(diethylcarbamoyl)sulfamate]	876403-98-4		25mg	
MM1348.12-0025	<i>N</i> -Methyltopiramate	97240-80-7		25mg	
Triclabendazole					
MM0313.01-0025	5-Chloro-6-(2,3-dichlorophenoxy)-2-(methylsulfinyl)-1 <i>H</i> -benzimidazole (Triclabendazole Sulfoxide) Related compound A (USP)	100648-13-3		25mg	
Tripolidine Hydrochloride Monohydrate					
MM1457.00-0250	‡ Tripolidine Hydrochloride Monohydrate	6138-79-0		250mg	
Trometamol (Tromethamine)					
MM1566.01-0025	Impurity A (EP): Nitromethylidynetri(methanol)	126-11-4		25mg	
Urapidil					
MM3980.01-0025	6-Amino-1,3-dimethyluracil	6642-31-5		25mg	
MM3980.05-0100	1,3-Dimethylbarbituric Acid	769-42-6		100mg	
Ursodeoxycholic Acid (Ursodiol)					
MM0836.00-0250	◆ Ursodeoxycholic Acid	128-13-2		250mg	

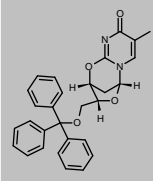
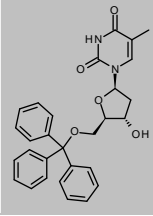
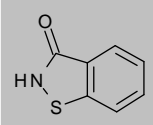
Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0835.05-0250	Impurity E (EP): 3 α ,12 α -Dihydroxy-5 β -cholan-24-oic Acid (Deoxycholic Acid)	83-44-3		250mg	
MM0835.12-0025	Methyl Cholate	1448-36-8		25mg	
Valaciclovir Hydrochloride, Anhydrous (Valacyclovir Hydrochloride)					
MM0061.21-0025	Impurity L (EP): 2,2'-(Methylenediimino)bis[9-[(2-hydroxyethoxy)methyl]-1,9-dihydro-6 <i>H</i> -purin-6-one]	1797131-64-6		25mg	
Valganciclovir Hydrochloride					
MM3267.06-0025	Isovalerylvalganciclovir	1219792-41-2		25mg	
MM3267.08-0025	[2-[(2-Amino-6-oxo-3 <i>H</i> -purin-9-yl)methoxy]-3-[(2 <i>S</i>)-2-(benzyloxycarbonylamino)-3-methylbutanoyl]oxy-propyl] (2 <i>S</i>)-2-(Benzyloxycarbonylamino)-3-methylbutanoate	130914-77-1		25mg	
MM3267.12-0025	<i>O</i> -Acetyl <i>N</i> -Benzyloxycarbonyl Valganciclovir	194159-22-3		25mg	
Valsartan					
MM0487.08-0025	<i>N</i> -(2-Methylpropyl)- <i>N</i> -[[2'-(1 <i>H</i> -tetrazol-5-yl)biphenyl-4-yl]methyl]pentanamide	1314799-74-0		25mg	
MM0487.13-0100	<i>N</i> -Nitroso- <i>N</i> -isopropyl- <i>N</i> -methylamine	30533-08-5		100mg	
MM0487.16-0100	<i>N</i> -Nitroso- <i>N</i> - <i>n</i> -butyl- <i>N</i> -isopropylamine	2680532-87-8		100mg	
MM0487.18-0100	<i>N</i> -Nitroso- <i>N</i> -ethyl-4-aminobutyric Acid	54897-63-1		100mg	
MM0487.20-0100	<i>N</i> -Nitroso- <i>N</i> -di- <i>n</i> -propylamine	621-64-7		100mg	
MM0487.22-0100	<i>N</i> -[(2'-Cyano[1,1'-biphenyl]-4-yl)methyl]- <i>N</i> -pentanoyl- <i>L</i> -valine Methyl Ester	137863-90-2		100mg	
MM0487.34-0100	<i>N</i> -[(2'-Cyano[1,1'-biphenyl]-4-yl)methyl]- <i>N</i> -pentanoyl- <i>L</i> -valine Methyl Ester	137863-96-8		100mg	
MM0487.35-0025	Benzyl (2 <i>S</i>)-3-Methyl-2-[[[2'-[2-(triphenylmethyl)tetrazol-5-yl]biphenyl-4-yl]methyl]amino]butanoate	1798894-89-9		25mg	
MM0487.36-0025	Benzyl (2 <i>S</i>)-3-Methyl-2-[pentanoyl[[2'-[2-(triphenylmethyl)tetrazol-5-yl]biphenyl-4-yl]methyl]amino]butanoate; <i>N</i> 2-Tritylvalsartan Benzyl Ester	2459446-33-2		25mg	

Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
MM0487.37-0100	<i>N</i> -[(2'-Cyano[1,1'-biphenyl]-4-yl)methyl]- <i>D</i> -valine Methyl Ester	137863-97-9		100mg	
MM0487.38-0025	<i>N</i> -(Tetrazolo[1,5- <i>f</i>]phenanthridin-6-ylmethyl) <i>N</i> -(2-Methylpropyl)pentanamide	n/a		25mg	
MM0487.39-0025	<i>N</i> -Formyl- <i>N</i> -(tetrazolo[1,5- <i>f</i>]phenanthridin-6-ylmethyl) pentanamide	n/a		25mg	
MM0487.40-0025	<i>N</i> -(Tetrazolo[1,5- <i>f</i>]phenanthridin-6-ylmethyl)pentanamide	n/a		25mg	
MM0487.41-0025	3-Methyl-2-[propanoyl[[2'-(1 <i>H</i> -tetrazol-5-yl)biphenyl-4-yl]methyl]amino]butanoic Acid	n/a		25mg	
MM0487.43-0025	3-Methyl-2-[(5-phenylpentanoyl)[[2'-(1 <i>H</i> -tetrazol-5-yl)biphenyl-4-yl]methyl]amino]butanoic Acid	n/a		25mg	
MM0487.44-0025	3-Methyl-2-[pent-4-enoyl[[2'-(1 <i>H</i> -tetrazol-5-yl)biphenyl-4-yl]methyl]amino]butanoic Acid	n/a		25mg	
MM0862.21-0025	<i>N</i> -[[2'-(1 <i>H</i> -Tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl] pentanamide	914465-68-2		25mg	
Venlafaxine Hydrochloride					
MM0393.16-0025	2-(1-Hydroxycyclohexyl)-2-(4-methoxyphenyl)acetonitrile	93413-76-4		25mg	
Vildagliptin					
MM3564.04-0025	(2 <i>S</i>)-Pyrrolidine-2-carboxamide (<i>L</i> -Prolinamide)	7531-52-4		25mg	
Voriconazole					
MM1094.07-0025	Impurity E (EP): [(1 <i>RS</i> ,4 <i>SR</i>)-7,7-Dimethyl-2-oxobicyclo[2.2.1]hept-1-yl]methanesulfonic Acid ((±)-10-Camphorsulfonic Acid) Related compound F (USP): (1 <i>RS</i> ,4 <i>SR</i>)-7,7-Dimethyl-2-oxobicyclo[2.2.1]hept-1-ylmethanesulphonic acid	5872-08-2		25mg	

Pharmaceutical APIs and impurities

Product Code	Product	CAS No.	CS	Unit	
Zidovudine					
MM0173.07-0025	5'- <i>O</i> -Trityl-2,3'-anhydrothymidine	25442-42-6		25mg	
MM0173.11-0025	5'- <i>O</i> -Tritylthymidine	7791-71-1		25mg	
Ziprasidone Hydrochloride Monohydrate					
MM1273.11-0025	1,2-Benzisothiazol-3(2 <i>H</i>)-one	2634-33-5		25mg	



Mikromol™

Acetylation of 2,6-Dimethylaniline during the synthesis
of Lidocaine. (Impurity N-(2,6-Dimethylphenyl)
acetamide, MM0102.06)

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