



### GSK3

Item No.	Product Name
16733	1-Azakenpauellone
13123	BIO
13122	CHIR99021
10010246	SB-216763
10011251	TWS119

### IGF-1R

Item No.	Product Name
14833	AG-1024
17505	BMS 754807
17708	Linsitinib
13641	NVP-AEW541 (hydrochloride)
17329	Picropodophyllotoxin

### IKKs

Item No.	Product Name
16667	BMS 345541 (hydrochloride)
13313	IKK-16 (hydrochloride)
17276	IKK2 Inhibitor VI
17290	IMD 0354
15115	TPCA-1

### JAK Family

Item No.	Product Name
16707	Baricitinib
11598	CP 690,550
17669	Filgotinib
12094	Lestaurtinib
11609	Ruxolitinib

### JNK

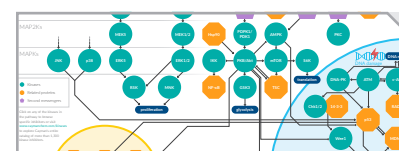
Item No.	Product Name
21482	Bentamapimod
17542	JNK Inhibitor V
15946	JNK Inhibitor VIII
18096	JNK Inhibitor XVI
10010466	SP 600125

### MEK

Item No.	Product Name
11599	AZD 6244
16999	BIX02189
13034	PD 0325901
16292	Trametinib
70970	U-0126

# Kinase Inhibitors

The signal transduction pathways responsible for virtually every cell function in the body are built on a network of kinases. Because kinases are so acutely involved in the regulation of biological processes, the field of drug discovery endeavors to validate novel kinase targets for therapeutic intervention as well as to develop and improve target selectivity of modulatory small molecules. Use the signal transduction cascades inside this brochure to explore Cayman's broad selection of inhibitors targeting specific nodes of the major kinase signaling pathways.



## Kinase Signaling Pathways Diagram Inside!

### mTOR

Item No.	Product Name
16978	AZD 8055
13643	PP242
13346	Rapamycin
10997	Torin 1
14185	Torin 2

### p38 MAPK

Item No.	Product Name
10460	Doramapimod
10006727	PD 169316
10010399	SB 202190
13067	SB 203580
18075	VX-745

### PDK1/PDK1

Item No.	Product Name
14932	BX-795
14708	BX-912
18095	GSK2334470
10011011	KT 5720
18130	UCN-01

### PKC

Item No.	Product Name
15383	Calphostin C
13310	Gö 6976
13311	Gö 6983
13964	LY333531 (hydrochloride)
81590	Staurosporine

## Simplify Screening and Hit-Seeking

### Kinase Screening Library (96-Well)

Item No. 10505

- Consists of two plates with ~160 selective and non-selective kinase inhibitors

- Includes inhibitors of lipid, receptor and non-receptor tyrosine, serine/threonine, and dual specificity kinases

- Targets include the ROCK, ALK, GSK3, PKC, PDGFR, VEGFR, Src, MAPK, CDK, and PI3K families, among many others

### Comprehensive Kinase Screening Library

Item No. 28940

- Contains more than 850 kinase inhibitors, providing greater coverage of individual kinases, kinase isoforms and mutants, and kinase families



### PI3K

Item No.	Product Name
16986	BYL719
15279	CAL-101
70920	LY294002
32877	TGR-1202
10010591	Wortmannin

### PIks

Item No.	Product Name
17385	BI-2536
18193	BI-6727
18099	GSK461364
15553	ON-01910 (sodium salt)
17701	TAK-960

### PKB/Akt

Item No.	Product Name
16499	A-443654
14870	Akt Inhibitor VIII
15406	AZD 5363
18412	GDC-0068
10010236	ML-9

### Src

Item No.	Product Name
21089	CGP 77675 (hydrate)
14244	PP1 (Src Inhibitor)
13198	PP2
11497	Saracatinib
13338	SU6656

### Abl Family & Bcr-Abl

Item No.	Product Name
12030	Bosutinib
11498	Dasatinib
13139	Imatinib (mesylate)
10010422	Nilotinib
11494	Ponatinib

### CDKs

Item No.	Product Name
14707	Dinaciclib
10009197	Flavopiridol (hydrochloride)
16273	PD 0322991 (hydrochloride)
15149	Ro 3306
28459	Senexin B

### CSF1R/Fms

Item No.	Product Name
19626	BLZ-945
33347	Edicotinib
22258	KI20227
18271	Pexidartinib
28927	PLX5622

### ERK

Item No.	Product Name
15544	FR180204
21107	GDC-0994
19166	SCH 772984
18298	Ulixertinib (hydrochloride)
19173	XMD8-92

### ALK (Anaplastic Lymphoma Kinase)

Item No.	Product Name
19778	AP26113
19374	Ceritinib
18516	CH5424802
18371	PF-06463922
17670	TAE684

### Chk1/2

Item No.	Product Name
11491	AZD 7762
19178	CCT241533 (hydrochloride)
20351	LY2603618
21490	LY2606368
17859	PF-477736

### DNA-PK

Item No.	Product Name
19420	CC-115
15344	Ku-0060648
13308	NU 7026
14881	NU 7441
10009209	PI-103

### FGFR Family

Item No.	Product Name
13111	AZD 4547
19157	BGJ398
21813	JNJ-42756493
13032	PD 173074
21136	TAS 120

### Aurora

Item No.	Product Name
19176	AMG 900
13602	MLN8237
15015	PF-03814735
10735	Phthalazionone pyrazole
13601	ZM 447439

### c-Met

Item No.	Product Name
12087	(R)-Crizotinib
22143	Golvatinib
20056	INCB 28060
14861	SU11274
17135	Tivantinib

### EGFR/ErbB/HER Family

Item No.	Product Name
11492	Afatinib
16237	AZD 9291
10483	Erlotinib
13166	Gefitinib
11493	Lapatinib

### FLT3

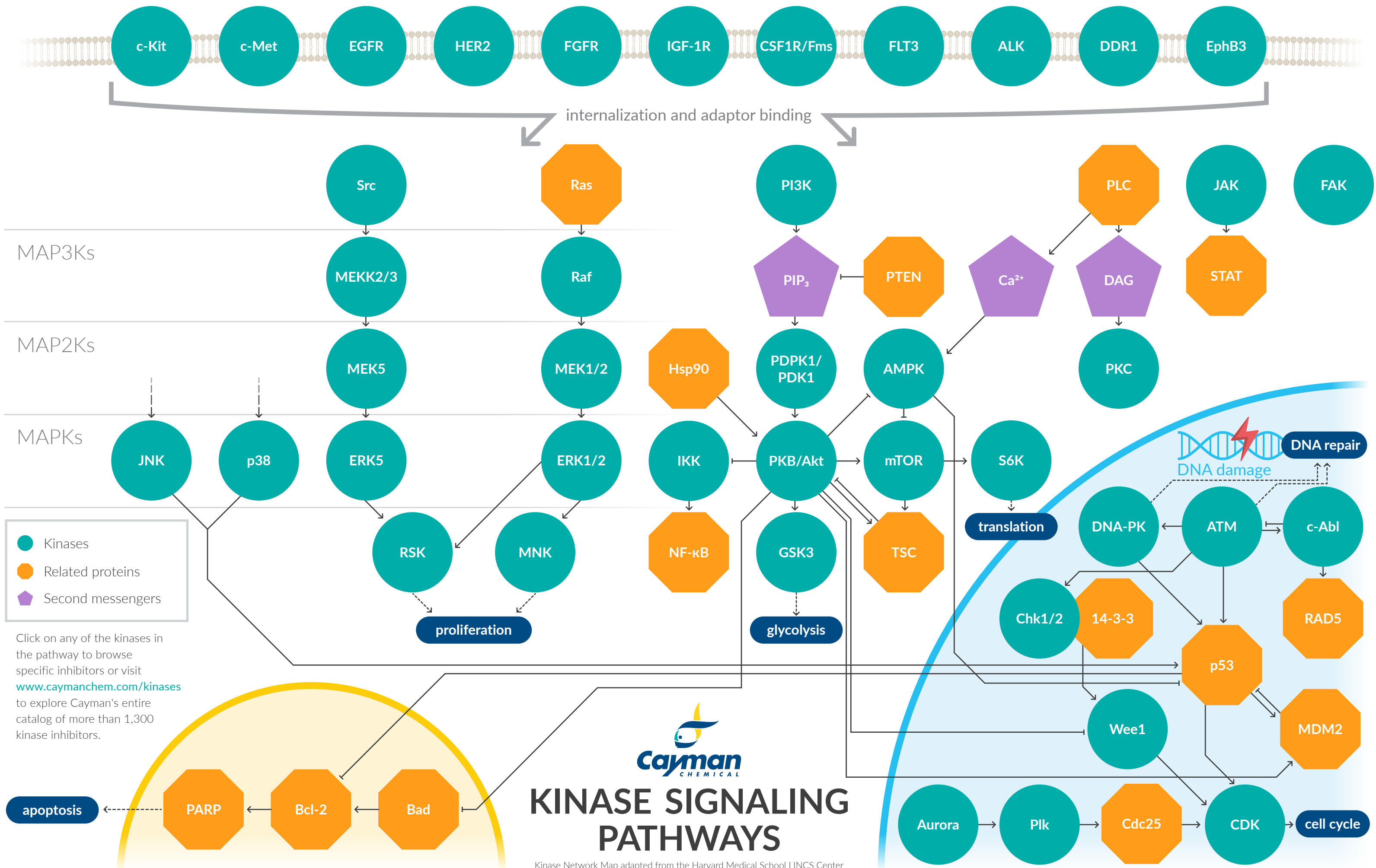
Item No.	Product Name
21193	FLT3 Inhibitor III
21503	Gilteritinib
16709	Pacritinib
17986	Quizartinib
16613	UNC2025

## KINASE RESOURCE CENTER

Browse more than 1,300 kinase inhibitors

[www.caymanchem.com/kinases](http://www.caymanchem.com/kinases)

Find tools and resources for inhibitor selection



Click on any of the kinases in the pathway to browse specific inhibitors or visit [www.caymanchem.com/kinases](http://www.caymanchem.com/kinases) to explore Cayman's entire catalog of more than 1,300 kinase inhibitors.



# KINASE SIGNALING PATHWAYS

Kinase Network Map adapted from the Harvard Medical School LINCS Center