



# APOLLO SCIENTIFIC

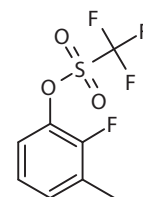
## Aryl Triflates

Trifluoromethanesulphonate (triflate) is an exceptionally good leaving group and as such structures containing this moiety are an important component of the organic chemist's toolbox.

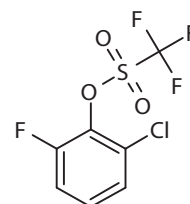
The leaving group is stabilised through resonance; as the negative charge of the anion can be delocalised over all 3 oxygen atoms and also the electron withdrawing nature of the CF<sub>3</sub> group further enhances the stability of this fragment.

This enables triflate containing building blocks to be utilised in many nucleophilic substitution and coupling reactions including Suzuki, Heck, Sonogashira and Stille couplings, to make further interesting downstream products.

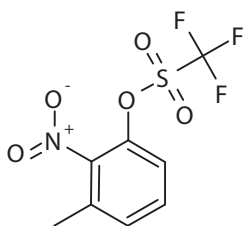
Triflate products are a key strength of Apollo Scientific and the extended Central Glass Group. Please contact us for any requirements you have for these types of items.



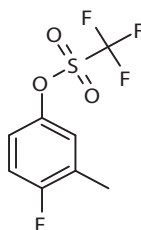
PC500061  
2-Fluoro-3-methylphenyl  
trifluoromethanesulphonate



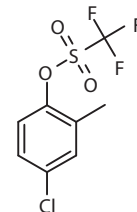
PC500051  
2-Chloro-6-fluorophenyl  
trifluoromethanesulphonate



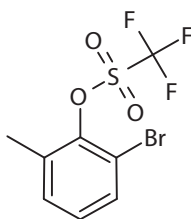
PC500110  
3-Methyl-2-nitrophenyl  
trifluoromethanesulphonate



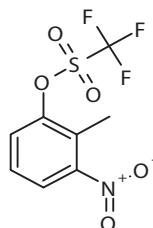
PC500068  
4-Fluoro-3-methylphenyl  
trifluoromethanesulphonate



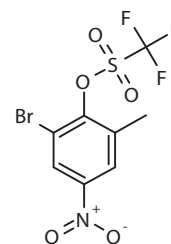
PC500090  
4-Chloro-2-methylphenyl  
trifluoromethanesulphonate



PC51196  
2-Bromo-6-methylphenyl  
trifluoromethanesulphonate



PC500108  
2-Methyl-3-nitrophenyl  
trifluoromethanesulphonate



PC52045  
2-Bromo-6-methyl-4-nitrophenyl  
trifluoromethanesulphonate