Tacrolimus (FK506)

Catalog No: #S2144

Orders: order@signalwayantibody.com
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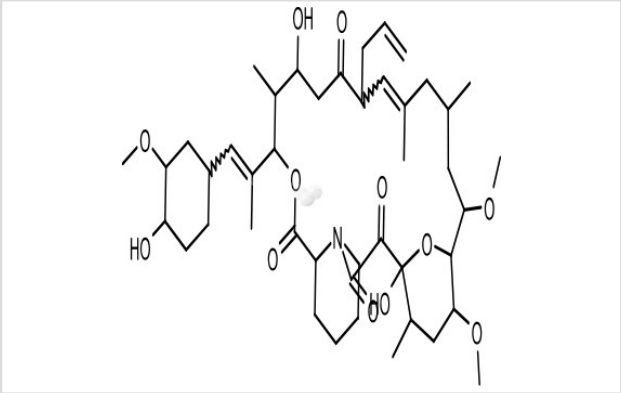
Description

Product Name	Tacrolimus (FK506)
Brief Description	Inhibitors
Purification	99.94%
Target Name	mTOR inhibitor
Calculated MW	804.02
Formulation	C44H69NO12
Storage	3 years -20°C powder;2 years -80°C in solvent;

Images



Product Description

Research Area:ImmunologySMILES:C[C@@H]1C[C@@H]([C@@H]2[C@H](C[C@H]([C@@](O2)(C(=O)C(=O)N3CCCC[C@H]3C(=O)O[C@@H]([C@@H]([C@H](CC(=O)[C@@H](/C=C(/C1)\C)CC=C)O)C)/C(=C/[C@@H]4CC[C@H]([C@@H](C4)OC)O)/C)O)C)OC)OCPathways:PI3K/Akt/mTOR signalingReceptor:FKBP-12Boling pt:Melting pt:Solubility:Ethanol: 83 mg/mL (103.23 mM); DMSO: 94 mg/mL (116.91 mM)Appearance:White PowderRemark:For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20 °C for several month.

References

1. Flanagan WM, et al. Nature, 1991, 352(6338), 803-807.

Note: This product is for in vitro research use only