

Rapamycin (Sirolimus)

Catalog No: #S1537

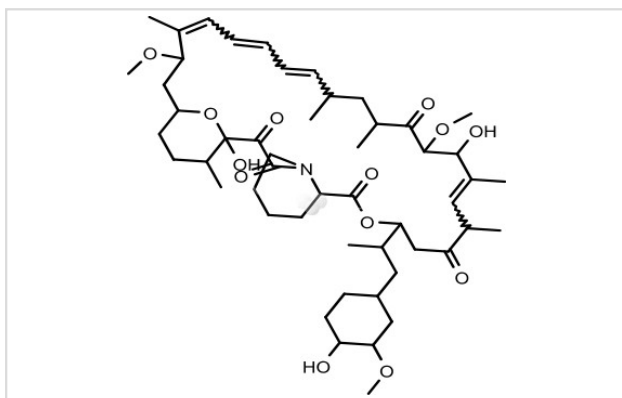
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Description

Product Name	Rapamycin (Sirolimus)
Brief Description	Inhibitors
Purification	98.73%
Target Name	mTOR inhibitor
Calculated MW	914.18
Formulation	C51H79NO13
Storage	3 years -20°C powder;2 years -80°C in solvent;

Images



Product Description

Research

Area:CancerSMILES:C[C@@H]1CC[C@H]2C[C@@H](/C=C/C=C/C[C@H](C[C@H](C=O)[C@@H]([C@@H](/C=C/[C@H](C=O)C[C@H](OC(=O)[C@@H]3CCCCN3C(=O)C(=O)[C@@]1(O2)O)[C@H](C)C[C@H]4CC[C@H]([C@@H](C4)OC)O)C)/C)OC)C)C)OCPathways:PI3K/Akt/mTOR signalingReceptor:mTORBoiling pt:973.02CMelting pt:183-185CSolubility:DMSO: 20 mg/mL (21.87 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. Dowling RJ, et al. Biochim Biophys Acta. 2010 Mar;1804(3):433-9.

Note: This product is for in vitro research use only