

Temsirolimus (CCI-779, NSC 683864)

Catalog No: #S2145

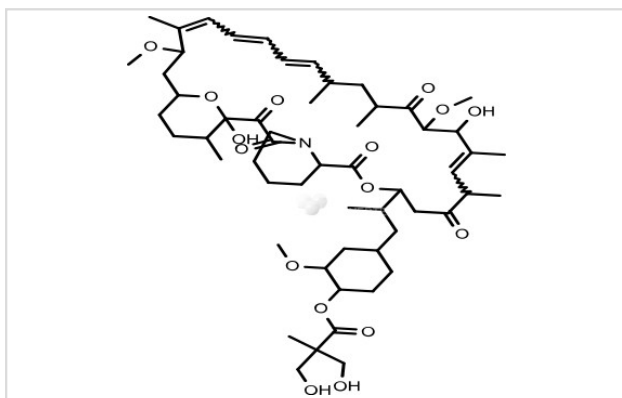
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Description

Product Name	Temsirolimus (CCI-779, NSC 683864)
Brief Description	Inhibitors
Purification	99.50%
Target Name	mTOR inhibitor
Calculated MW	1030.29
Formulation	C56H87NO16
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology
 SMILES: C[C@@H]1CC[C@H]2C[C@@H]1/C(=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)OC(=O)C(C)(CO)CO)C)/C)O)OC)C)/C)O
 Pathways: PI3K/Akt/mTOR signaling
 Receptor: mTOR
 Boiling pt: Melting pt: Solubility: Ethanol: 75 mg/mL (72.79 mM); DMSO: 75 mg/mL (72.79 mM)
 Appearance: White Powder
 Remark: 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

- Shor B, et al. Y Res, 2008, 68(8), 2934-2943.

Note: This product is for in vitro research use only