

Everolimus (RAD001)

Catalog No: #S1784

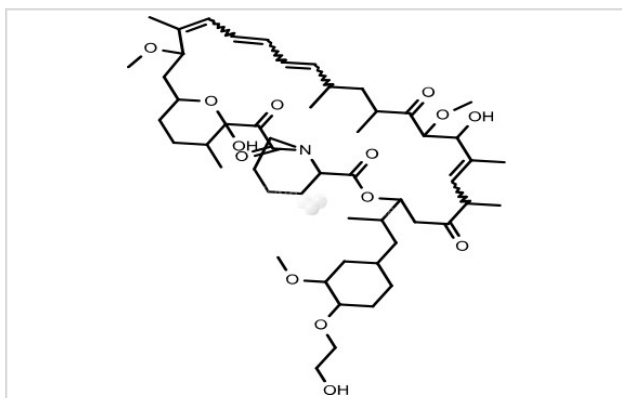
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Description

Product Name	Everolimus (RAD001)
Brief Description	Inhibitors
Purification	98.66%
Target Name	mTOR inhibitor
Calculated MW	958.22
Formulation	C53H83NO14
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cardiovascular

System SMILES: C[C@@H]1CC[C@H]2C[C@@H](/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)OCCO)C)/C)O)OC)C)/C)OC Pathways: PI3K/Akt/mTOR signaling
 Receptor: mTOR (FKBP12)
 Boling pt: Melting pt: Solubility: Ethanol: 7 mg/mL (7.3 mM); DMSO: 30 mg/mL (31.3 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

1. Zhu Y, et al. Tumour Biol. 2012 Apr 11. Doi: 10.1007/s13277-012-0383-6.

Note: This product is for in vitro research use only