

Rapamycin-13C,D3

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Rapamycin-13C,D3 is a potent and specific mTOR inhibitor that suppresses mTOR in HEK293 cells with an IC50 of 0.1 nM. It binds to FKBP12, thereby inhibiting mTORC1. Additionally, Rapamycin (T1537) serves as an autophagy (autophagy) activator and functions as an immunosuppressant.
Targets(IC50)	Autophagy,FKBP,mTOR

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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