

mTOR inhibitor-28

Chemical Properties

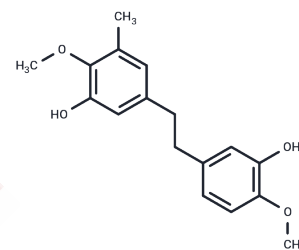
CAS No. :

Formula: C₁₇H₂₀O₄

Molecular Weight: 288.34

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	mTORinhibitor-28 (SM-3) is a potent mTOR inhibitor that demonstrates inhibitory effects on A549, H292, and H460 cell lines, with IC50 values of 72.74, 67.66, and 43.24 μ M, respectively.
Targets(IC50)	mTOR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4681 mL	17.3406 mL	34.6813 mL
5 mM	0.6936 mL	3.4681 mL	6.9363 mL
10 mM	0.3468 mL	1.7341 mL	3.4681 mL
50 mM	0.0694 mL	0.3468 mL	0.6936 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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