

mTOR inhibitor-12

Chemical Properties

CAS No. :

Formula: C₁₉H₂₄N₆O₂S

Molecular Weight: 400.5

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	mTOR inhibitor-12 (Compound 11), a selective, brain-penetrant mTOR inhibitor, exhibits no genotoxicity risk and is utilized in research pertaining to central nervous system (CNS) diseases [1].
Targets(IC50)	mTOR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4969 mL	12.4844 mL	24.9688 mL
5 mM	0.4994 mL	2.4969 mL	4.9938 mL
10 mM	0.2497 mL	1.2484 mL	2.4969 mL
50 mM	0.0499 mL	0.2497 mL	0.4994 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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