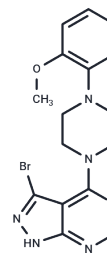


S6K1-IN-DG2

Chemical Properties

CAS No. : 871340-88-4
 Formula: C₁₆H₁₇BrN₆O
 Molecular Weight: 389.25
 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	S6K1-IN-DG2(S6K1InhibitorDG2) is a potent p70S6K inhibitor with an IC ₅₀ value of less than 100 nM.
Targets(IC ₅₀)	mTOR,S6 Kinase

Solubility Information

Solubility	DMSO: 55 mg/mL (141.3 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.569 mL	12.8452 mL	25.6904 mL
5 mM	0.5138 mL	2.569 mL	5.1381 mL
10 mM	0.2569 mL	1.2845 mL	2.569 mL
50 mM	0.0514 mL	0.2569 mL	0.5138 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.

Reference

Neel K. Anand, et al. Kinase modulators and methods of use. Patent. WO2005117909.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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