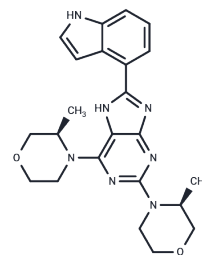


PI3K/mTOR Inhibitor-9

Chemical Properties

CAS No. :	1392421-71-4
Formula:	C ₂₃ H ₂₇ N ₇ O ₂
Molecular Weight:	433.51
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	PI3K/mTOR Inhibitor-9 (Compound 1) is a potent inhibitor of both mTOR (IC ₅₀ : 38 nM) and PI3K, including PI3K α (IC ₅₀ : 6.6 nM), PI3K γ (IC ₅₀ : 6.6 nM), and PI3K δ (IC ₅₀ : 0.8 nM).
Targets(IC ₅₀)	Others,mTOR,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3068 mL	11.5338 mL	23.0675 mL
5 mM	0.4614 mL	2.3068 mL	4.6135 mL
10 mM	0.2307 mL	1.1534 mL	2.3068 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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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