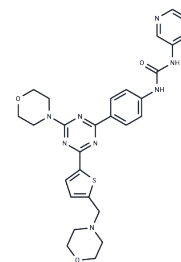


PI3K/mTOR Inhibitor-14

Chemical Properties

CAS No. :	2919684-77-6
Formula:	C ₂₈ H ₃₀ N ₈ O ₃ S
Molecular Weight:	558.66
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-14 (compound Y-2) is a dual inhibitor of PI3K and mTOR, with IC ₅₀ values of 171.4 nM and 10.1 nM, respectively, and exhibits antitumor activities [1].
Targets(IC ₅₀)	mTOR,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.790 mL	8.950 mL	17.900 mL
5 mM	0.358 mL	1.790 mL	3.580 mL
10 mM	0.179 mL	0.895 mL	1.790 mL
50 mM	0.0358 mL	0.179 mL	0.358 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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