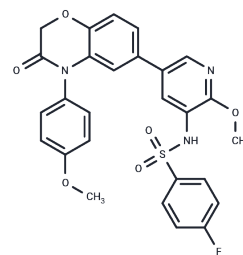


PI3K/mTOR Inhibitor-4

Chemical Properties

CAS No. :	2361215-32-7
Formula:	C ₂₇ H ₂₂ FN ₃ O ₆ S
Molecular Weight:	535.54
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-4 is an orally active pan-I PI3K/mTOR enzyme inhibitor, acting on PI3K α (IC ₅₀ : 0.63 nM), PI3K γ (IC ₅₀ : 22 nM), PI3K δ (IC ₅₀ : 9.2 nM), and mTOR (IC ₅₀ : 13.85 nM). PI3K/mTOR Inhibitor-4 can be used to study cancer.
Targets(IC ₅₀)	Others,mTOR,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8673 mL	9.3364 mL	18.6727 mL
5 mM	0.3735 mL	1.8673 mL	3.7345 mL
10 mM	0.1867 mL	0.9336 mL	1.8673 mL
50 mM	0.0373 mL	0.1867 mL	0.3735 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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