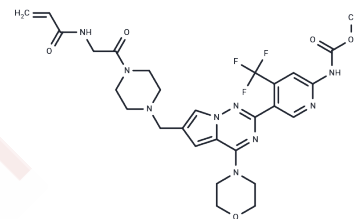


PI3K-IN-56

Chemical Properties

CAS No. : 2633645-58-4
 Formula: C₂₈H₃₂F₃N₉O₅
 Molecular Weight: 631.606
 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-IN-56 (Compound 1) is an orally active, potent, and selective irreversible inhibitor of phosphoinositide 3-kinase (PI3K). It irreversibly blocks the production of phosphatidylinositol-3,4,5-trisphosphate (PIP3) and the downstream AKT signaling pathway. PI3K-IN-56 holds promise for research in PI3K α -driven cancers, such as breast and ovarian cancer.
Targets(IC50)	Akt,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5833 mL	7.9163 mL	15.8326 mL
5 mM	0.3167 mL	1.5833 mL	3.1665 mL
10 mM	0.1583 mL	0.7916 mL	1.5833 mL
50 mM	0.0317 mL	0.1583 mL	0.3167 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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