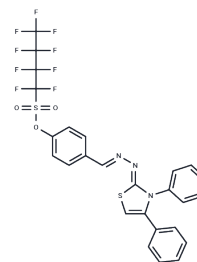


PI3K-IN-28

Chemical Properties

CAS No. : 2747100-02-1
 Formula: C₂₆H₁₆F₉N₃O₃S₂
 Molecular Weight: 653.54
 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-IN-28 is a potent PI3K inhibitor demonstrating high efficacy and lower toxicity in MCF-10a models. It exhibits half-maximal inhibitory concentration (IC ₅₀ , μM) values of 5.8, 2.3, and 7.9. With a selectivity index (SI) of 39, PI3K-IN-28 emerges as a promising lead compound for the optimization of anticancer agents.
Targets(IC ₅₀)	Others,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5301 mL	7.6506 mL	15.3013 mL
5 mM	0.306 mL	1.5301 mL	3.0603 mL
10 mM	0.153 mL	0.7651 mL	1.5301 mL
50 mM	0.0306 mL	0.153 mL	0.306 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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