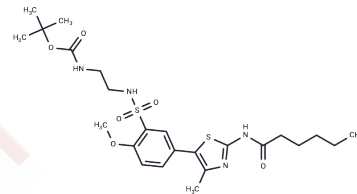


PI4KIII beta inhibitor 4

Chemical Properties

CAS No. :	3029505-94-7
Formula:	C ₂₄ H ₃₆ N ₄ O ₆ S ₂
Molecular Weight:	540.696
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	PI4KIII beta inhibitor 4 (Compound 16) is a selective inhibitor of PI4KIIIβ with an IC ₅₀ of 0.005 μM. By inhibiting the PI3K/AKT pathway, PI4KIII beta inhibitor 4 induces apoptosis, causes cell cycle arrest, and triggers autophagy in tumor cells. This compound is applicable for tumor research.
Targets(IC ₅₀)	Apoptosis,Akt,Autophagy,PI3K,PI4K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8495 mL	9.2473 mL	18.4945 mL
5 mM	0.3699 mL	1.8495 mL	3.6989 mL
10 mM	0.1849 mL	0.9247 mL	1.8495 mL
50 mM	0.037 mL	0.1849 mL	0.3699 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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