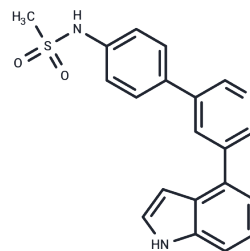


PI5P4K α -IN-1

Chemical Properties

CAS No. :	2428737-31-7
Formula:	C ₂₀ H ₁₇ N ₃ O ₂ S
Molecular Weight:	363.43
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	PI5P4K α -IN-1 (Compound 13) is a phosphatidylinositol 5-phosphate 4-kinase (PI5P4K) inhibitor with IC ₅₀ values of 2 μ M for PI5P4K α and 9.4 μ M for PI5P4K β , potentially applicable in cancer, metabolic, and immunological disorder studies [1].
Targets(IC ₅₀)	Others,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7516 mL	13.7578 mL	27.5156 mL
5 mM	0.5503 mL	2.7516 mL	5.5031 mL
10 mM	0.2752 mL	1.3758 mL	2.7516 mL
50 mM	0.055 mL	0.2752 mL	0.5503 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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