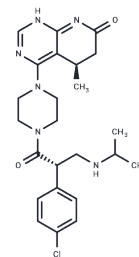


AKT-IN-13

Chemical Properties

CAS No. : 2459489-51-9
 Formula: C₂₄H₃₁ClN₆O₂
 Molecular Weight: 470.99
 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	AKT-IN-13 (compound 4b) is a potent inhibitor of Akt, acting on Akt1 (IC ₅₀ : 1.6 nM), Akt2 (IC ₅₀ : 2.4 nM), and Akt3 (IC ₅₀ : 0.3 nM). It can be used in anticancer research.
Targets(IC ₅₀)	Others,Akt

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1232 mL	10.6159 mL	21.2319 mL
5 mM	0.4246 mL	2.1232 mL	4.2464 mL
10 mM	0.2123 mL	1.0616 mL	2.1232 mL
50 mM	0.0425 mL	0.2123 mL	0.4246 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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