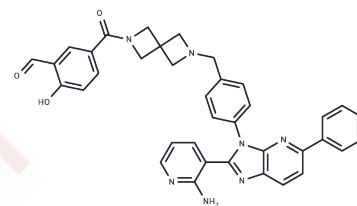


Akt1-IN-4

Chemical Properties

CAS No. :	3033577-05-5
Formula:	C37H31N7O3
Molecular Weight:	621.69
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	Akt1-IN-4 (Compound 62) serves as an inhibitor of AKT1-E17K, exhibiting potent activity with an IC50 value below 15 nM [1].
Targets(IC50)	Akt

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6085 mL	8.0426 mL	16.0852 mL
5 mM	0.3217 mL	1.6085 mL	3.217 mL
10 mM	0.1609 mL	0.8043 mL	1.6085 mL
50 mM	0.0322 mL	0.1609 mL	0.3217 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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