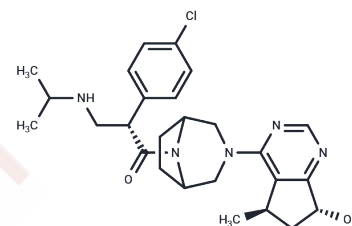


AKT-IN-10

Chemical Properties

CAS No. :	2709045-56-5
Formula:	C ₂₆ H ₃₄ ClN ₅ O ₂
Molecular Weight:	484.03
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-10 is a potent AKT inhibitor with research potential in breast and prostate cancers. It targets protein kinase B (PKB, also known as AKT), a key component of the PI3K/AKT/mTOR signaling pathway that is crucial for cell growth, survival, differentiation, and metabolism.
Targets(IC50)	Others,Akt

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.066 mL	10.3299 mL	20.6599 mL
5 mM	0.4132 mL	2.066 mL	4.132 mL
10 mM	0.2066 mL	1.033 mL	2.066 mL
50 mM	0.0413 mL	0.2066 mL	0.4132 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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