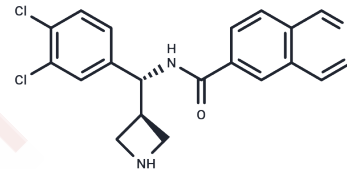


Akt1&PKA-IN-2

Chemical Properties

CAS No. :	1334108-00-7
Formula:	C ₂₀ H ₁₇ Cl ₂ N ₃ O
Molecular Weight:	386.27
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&PKA-IN-2 ((R)-29), a compound specific to PKB/AKT and selective for cyclin-dependent kinase 2 (CDK2), effectively inhibits AKT1, PKAα, and CDK2α with IC ₅₀ values of 0.007 μM, 0.01 μM, and 0.69 μM, respectively.
Targets(IC ₅₀)	Others,Akt,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5889 mL	12.9443 mL	25.8886 mL
5 mM	0.5178 mL	2.5889 mL	5.1777 mL
10 mM	0.2589 mL	1.2944 mL	2.5889 mL
50 mM	0.0518 mL	0.2589 mL	0.5178 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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