

MS5033

Chemical Properties

CAS No. : 2376137-29-8

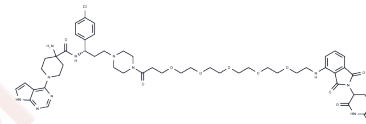
Formula: C₅₁H₆₆ClN₁₁O₁₁

Molecular Weight: 1044.59

Keep away from direct sunlight

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	MS5033 is a potent proteolysis-targeting chimera (PROTAC) that effectively degrades AKT (also known as protein kinase B), exhibiting a half-maximal degradation concentration (DC ₅₀) of 430 nM in PC3 cells [1].
Targets(IC ₅₀)	Others,Akt,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9573 mL	4.7866 mL	9.5731 mL
5 mM	0.1915 mL	0.9573 mL	1.9146 mL
10 mM	0.0957 mL	0.4787 mL	0.9573 mL
50 mM	0.0191 mL	0.0957 mL	0.1915 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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