

MS143

Chemical Properties

CAS No. : 2376137-41-4

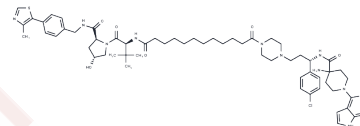
Formula: C59H81ClN12O6S

Molecular Weight: 1121.87

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	MS143, a potent AKT degrader (DC50=46 nM and GI50=0.8 μM in PC3 cells), effectively induces AKT degradation through the ubiquitin-proteasome system in both a concentration- and time-dependent manner, leading to the suppression of cancer cell growth [1].
Targets(IC50)	Others,Akt,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8914 mL	4.4568 mL	8.9137 mL
5 mM	0.1783 mL	0.8914 mL	1.7827 mL
10 mM	0.0891 mL	0.4457 mL	0.8914 mL
50 mM	0.0178 mL	0.0891 mL	0.1783 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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