

MS21

Chemical Properties

CAS No. : 2376137-05-0

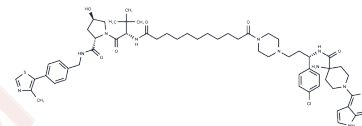
Formula: C₅₈H₇₉ClN₁₂O₆S

Molecular Weight: 1107.86

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	MS21 is a unique AKT degrader that selectively hampers the proliferation of cancers with mutations in the PI3K/PTEN pathway, alongside wild-type KRAS and BRAF.
Targets(IC50)	Akt,PROTACs,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9026 mL	4.5132 mL	9.0264 mL
5 mM	0.1805 mL	0.9026 mL	1.8053 mL
10 mM	0.0903 mL	0.4513 mL	0.9026 mL
50 mM	0.0181 mL	0.0903 mL	0.1805 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.

Reference

Xu J, et al. AKT Degradation Selectively Inhibits the Growth of PI3K/PTEN Pathway-Mutant Cancers with Wild-Type KRAS and BRAF by Destabilizing Aurora Kinase B. Cancer Discov. 2021 Jul 23.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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