

KL 465

Chemical Properties

CAS No. : 3057446-82-6

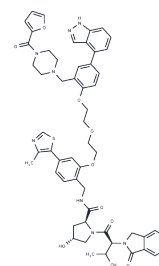
Formula: C₅₆H₆₀N₈O₉S

Molecular Weight: 1021.19

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	KL 465 is a degrader of MAGE-A3. The degradation of MAGE-A3 caused by KL 465 leads to reduced viability of cancer cells, and this effect is dependent on the VHL protein.
Targets(IC50)	Others,PROTACs
In vitro	KL 465 is a MAGE-A3 Degradator (PROTAC) with a DC50 of 2 μM and a maximum degradation (Dmax) of 60%. It works by degrading MAGE-A3, subsequently reducing cancer cell viability, and its activity is dependent on the von Hippel-Lindau protein (VHL).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9792 mL	4.8962 mL	9.7925 mL
5 mM	0.1958 mL	0.9792 mL	1.9585 mL
10 mM	0.0979 mL	0.4896 mL	0.9792 mL
50 mM	0.0196 mL	0.0979 mL	0.1958 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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