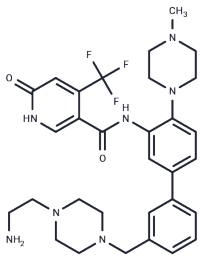
Data Sheet (Cat.No.T39977)

TargetMol

OICR-9429-N-C2-NH2

Chemical Properties



CAS No. : 2407457-55-8

Formula: C31H38F3N7O2

Molecular Weight: 597.687

Storage: Keep away from direct sunlight
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	OICR-9429-N-C2-NH2, a ligand for WDR5, intermediate 2, serves as a crucial compound in the synthesis of PROTACs.
Targets(IC50)	Others,Ligands for Target Protein for PROTAC
In vitro	PROTACs consist of two ligands linked together: one targeting an E3 ubiquitin ligase and the other binding to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6731 mL	8.3655 mL	16.7311 mL
5 mM	0.3346 mL	1.6731 mL	3.3462 mL
10 mM	0.1673 mL	0.8366 mL	1.6731 mL
50 mM	0.0335 mL	0.1673 mL	0.3346 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

Jin J, et, al. Wd40 repeat domain protein 5 (wdr5) degradation / disruption compounds and methods of use. WO2019246570A1.

Chung CW, et, al. Structural Insights into PROTAC-Mediated Degradation of Bcl-xL. ACS Chem Biol. 2020 Sep 18;15 (9):2316-2323.

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