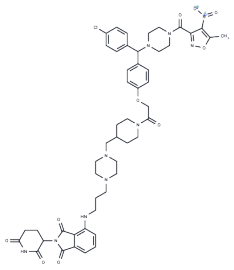
Data Sheet (Cat.No.T74796)

TargetMol

PROTAC GPX4 degrader-1

Chemical Properties



CAS No. : 2916433-81-1

Formula: C50H57ClN10O10

Molecular Weight: 993.5

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	PROTAC GPX4 Degrader-1 (DC-2) is a PROTAC-based compound that efficiently degrades GPX4, demonstrating a degradation concentration (DC 50) of 0.03 μM in HT1080 cells [1].
Targets(IC50)	Ferroptosis,Glutathione Peroxidase,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0065 mL	5.0327 mL	10.0654 mL
5 mM	0.2013 mL	1.0065 mL	2.0131 mL
10 mM	0.1007 mL	0.5033 mL	1.0065 mL
50 mM	0.0201 mL	0.1007 mL	0.2013 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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