

PROTAC GPX4 degrader-4

Chemical Properties

CAS No. : 3071165-43-7

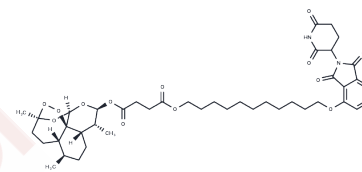
Formula: C43H58N2O13

Molecular Weight: 810.93

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	PROTACGPX4 degrader-4 is a GPX4 PROTAC degrader with a DC50 of 5.32 nM. It inhibits the activity of cancer cell lines RT4, T24, and J82 with IC50 values of 0.09, 2.97, and 7.58 μ M, respectively. This compound elevates lipid ROS levels and induces ferroptosis in T24 and RT4 cells. In T24 tumor-bearing BALB/c nude mouse models, PROTACGPX4 degrader-4 demonstrates antitumor activity. It is applicable to bladder cancer research.
Targets(IC50)	Ferroptosis, Glutathione Peroxidase, PROTACs, ROS Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2332 mL	6.1658 mL	12.3315 mL
5 mM	0.2466 mL	1.2332 mL	2.4663 mL
10 mM	0.1233 mL	0.6166 mL	1.2332 mL
50 mM	0.0247 mL	0.1233 mL	0.2466 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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