

ZX782

Chemical Properties

CAS No. :

Formula: C39H48ClN5O8

Molecular Weight: 750.28

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	ZX782 acts as a GPX4 protein degrader and an inducer of ferroptosis (Ferroptosis), targeting GPX4 for destruction via both the ubiquitin-proteasome system and the autophagy-lysosome pathway. Following the degradation of GPX4 induced by ZX782, there is a significant increase in the accumulation of lipid reactive oxygen species (ROS) in HT1080 cells.
Targets(IC50)	Ferroptosis,Glutathione Peroxidase,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3328 mL	6.6642 mL	13.3284 mL
5 mM	0.2666 mL	1.3328 mL	2.6657 mL
10 mM	0.1333 mL	0.6664 mL	1.3328 mL
50 mM	0.0267 mL	0.1333 mL	0.2666 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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