

GPX4-IN-9

Chemical Properties

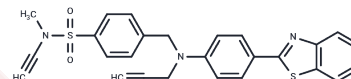
CAS No. : 3032746-99-6

Formula: C₂₆H₂₁N₃O₂S₂

Molecular Weight: 471.59

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	GPX4-IN-9 (Compound A16) is an inhibitor of glutathione peroxidase 4 (GPX4) that specifically targets GPX4, both in vitro and in vivo, to induce ferroptosis. It exhibits cytotoxic effects on pancreatic cancer cells and can be utilized for cancer research.
Targets(IC50)	Ferroptosis, Glutathione Peroxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1205 mL	10.6024 mL	21.2049 mL
5 mM	0.4241 mL	2.1205 mL	4.241 mL
10 mM	0.212 mL	1.0602 mL	2.1205 mL
50 mM	0.0424 mL	0.212 mL	0.4241 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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