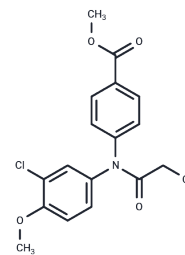


GPX4-IN-15

Chemical Properties

CAS No. : 3032966-42-7
 Formula: C17H15Cl2NO4
 Molecular Weight: 368.21
 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-15 (Compound C1) is an inhibitor of GPX4, demonstrating an inhibition rate of 19.8% at a concentration of 1 μ M. This compound effectively inhibits the proliferation of cancer cell lines MDA-MB-468, BT-549, and MDA-MB-231, with IC50 values of 0.86 μ M, 0.96 μ M, and 0.48 μ M respectively.
Targets(IC50)	Glutathione Peroxidase,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7158 mL	13.5792 mL	27.1584 mL
5 mM	0.5432 mL	2.7158 mL	5.4317 mL
10 mM	0.2716 mL	1.3579 mL	2.7158 mL
50 mM	0.0543 mL	0.2716 mL	0.5432 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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