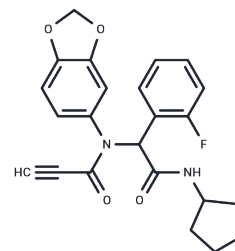


AX-53802

Chemical Properties

CAS No. : 1008482-71-0
 Formula: C₂₃H₂₁FN₂O₄
 Molecular Weight: 408.422
 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	AX-53802 is a ferroptosis (ferroptosis) inducer targeting GPX4, with an IC ₅₀ of 0.34 μM. It forms a covalent bond with GPX4, initiating membrane translocation upon binding. In combination with FAK/Src inhibitors, AX-53802 enhances cell death. This compound is applicable in cancer research.
Targets(IC ₅₀)	Ferroptosis, Glutathione Peroxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4485 mL	12.2423 mL	24.4846 mL
5 mM	0.4897 mL	2.4485 mL	4.8969 mL
10 mM	0.2448 mL	1.2242 mL	2.4485 mL
50 mM	0.049 mL	0.2448 mL	0.4897 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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