

Ferroptosis-IN-4

Chemical Properties

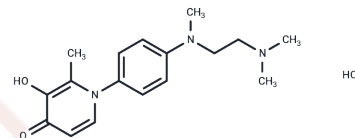
CAS No. : 2798922-35-5

Formula: C₁₇H₂₄ClN₃O₂

Molecular Weight: 337.84

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	Ferroptosis-IN-4 (compound 6k), an inhibitor of ferroptosis, exhibits an EC ₅₀ of 20 μM and lacks significant cytotoxicity. It demonstrates a protective role in glycerol-induced RM-AKI mice by alleviating kidney dysfunction [1].
Targets(IC ₅₀)	Ferroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.960 mL	14.7999 mL	29.5998 mL
5 mM	0.592 mL	2.960 mL	5.920 mL
10 mM	0.296 mL	1.480 mL	2.960 mL
50 mM	0.0592 mL	0.296 mL	0.592 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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