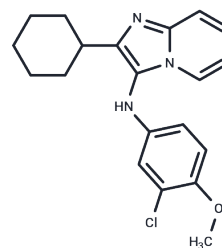


Ferroptosis-IN-19

Chemical Properties

CAS No. :	3025114-13-7
Formula:	C ₂₀ H ₂₂ ClN ₃ O
Molecular Weight:	355.861
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-19 is a potent inhibitor of cellular ferroptosis, with an IC ₅₀ value of 0.097 μM. It demonstrates high metabolic stability and excellent predicted blood-brain barrier permeability. In mice, Ferroptosis-IN-19 has neuroprotective effects and can prevent ischemic brain damage.
Targets(IC ₅₀)	Ferroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8101 mL	14.0505 mL	28.1009 mL
5 mM	0.562 mL	2.8101 mL	5.6202 mL
10 mM	0.281 mL	1.405 mL	2.8101 mL
50 mM	0.0562 mL	0.281 mL	0.562 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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