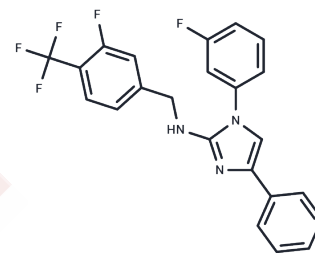


FerroLOXIN-1

Chemical Properties

CAS No. :	2773428-48-9
Formula:	C ₂₃ H ₁₆ F ₅ N ₃
Molecular Weight:	429.39
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	FerroLOXIN-1 is a potent inhibitor of 15LOX-2, selectively blocking the production of ferroptosis-promoting HOO-ETE-PE and preventing RSL3-induced ferroptosis (ferroptosis). It interacts closely and specifically with 15LOX-2, particularly engaging with Y154, N155, and W158.
Targets(IC50)	Ferroptosis, Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3289 mL	11.6444 mL	23.2889 mL
5 mM	0.4658 mL	2.3289 mL	4.6578 mL
10 mM	0.2329 mL	1.1644 mL	2.3289 mL
50 mM	0.0466 mL	0.2329 mL	0.4658 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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