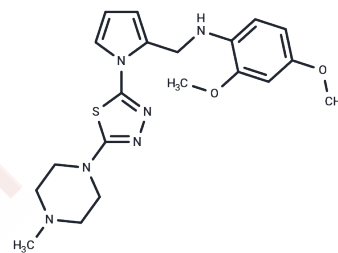


GPX4 activator 2

Chemical Properties

CAS No. :	950365-31-8
Formula:	C ₂₀ H ₂₆ N ₆ O ₂ S
Molecular Weight:	414.52
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 Activator 2 (Compound C3) serves as an activator of GPX4 and exhibits cardioprotective effects by inhibiting cellular iron death (ferroptosis) with an efficacy concentration (EC ₅₀) of 7.8 μM. It is used in the study of myocardial damage.
Targets(IC ₅₀)	Ferroptosis, Glutathione Peroxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4124 mL	12.0621 mL	24.1243 mL
5 mM	0.4825 mL	2.4124 mL	4.8249 mL
10 mM	0.2412 mL	1.2062 mL	2.4124 mL
50 mM	0.0482 mL	0.2412 mL	0.4825 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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