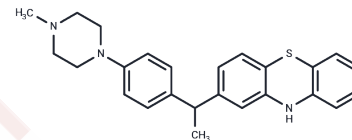


## Ferroptosis-IN-18

## Chemical Properties

CAS No. :	2247525-20-6
Formula:	C <sub>25</sub> H <sub>27</sub> N <sub>3</sub> S
Molecular Weight:	401.567
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-18 (51) is a phenothiazine derivative known for its potent anti-ferroptotic and antioxidant properties. It is useful for research related to intracerebral hemorrhage (ICH).
Targets(IC50)	Ferroptosis, Glutathione Peroxidase
In vitro	Ferroptosis-IN-18 (51) enhances cell viability and increases GPX4 levels.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4902 mL	12.4511 mL	24.9023 mL
5 mM	0.498 mL	2.4902 mL	4.9805 mL
10 mM	0.249 mL	1.2451 mL	2.4902 mL
50 mM	0.0498 mL	0.249 mL	0.498 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481