

## Ferroptosis-IN-16

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>23</sub>N<sub>5</sub>O

Molecular Weight: 421.49

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-16 (Compound 13l) acts as a specific inhibitor of ferroptosis, demonstrating EC <sub>50</sub> values of 0.7 nM in ES-2 cells and 0.9 nM in LX-2 cells. It effectively alleviates acute liver injury induced by Acetaminophen in mouse models and shows excellent metabolic stability in mouse liver microsomes.
Targets(IC <sub>50</sub> )	Ferroptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3725 mL	11.8627 mL	23.7254 mL
5 mM	0.4745 mL	2.3725 mL	4.7451 mL
10 mM	0.2373 mL	1.1863 mL	2.3725 mL
50 mM	0.0475 mL	0.2373 mL	0.4745 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481