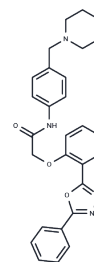


GPX4-IN-11

## Chemical Properties

CAS No. : 951570-56-2  
 Formula: C<sub>27</sub>H<sub>26</sub>N<sub>4</sub>O<sub>4</sub>  
 Molecular Weight: 470.52  
 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-IN-11 (compound I14) serves as an effective inhibitor of GPX4, exhibiting a dissociation constant (KD) of 45.7 μM. This compound plays a crucial role in the study of ferroptosis (ferroptosis).
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1253 mL	10.6265 mL	21.2531 mL
5 mM	0.4251 mL	2.1253 mL	4.2506 mL
10 mM	0.2125 mL	1.0627 mL	2.1253 mL
50 mM	0.0425 mL	0.2125 mL	0.4251 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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