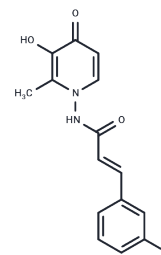


Ferroptosis-IN-5

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2991058-60-5 |
| Formula: | C ₁₅ H ₁₃ FN ₂ O ₃ |
| Molecular Weight: | 288.27 |
| 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-5 (compound 9c) acts as a ferroptosis inhibitor, boasting iron-chelating and reactive oxygen species (ROS) scavenging properties [1]. |
| Targets(IC50) | Ferroptosis |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.469 mL | 17.3449 mL | 34.6897 mL |
| 5 mM | 0.6938 mL | 3.469 mL | 6.9379 mL |
| 10 mM | 0.3469 mL | 1.7345 mL | 3.469 mL |
| 50 mM | 0.0694 mL | 0.3469 mL | 0.6938 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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