

Fumagilin-105

Chemical Properties

CAS No. : 2410081-58-0

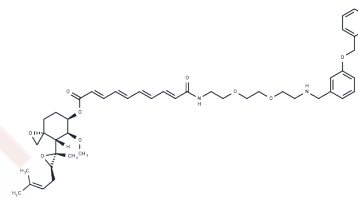
Formula: C₄₆H₆₀N₂O₉

Molecular Weight: 784.98

Keep away from direct sunlight

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 | Fumagilin-105, an autophagy-targeting chimera (AUTOTAC), induces self-oligomerization of p62 and exhibits a DC50 of 0.7 μM against MetAP2 in HEK293 cells. |
| Targets(IC50) | Estrogen Receptor/ERR,Autophagy,AUTACs,p62 |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.2739 mL | 6.3696 mL | 12.7392 mL |
| 5 mM | 0.2548 mL | 1.2739 mL | 2.5478 mL |
| 10 mM | 0.1274 mL | 0.637 mL | 1.2739 mL |
| 50 mM | 0.0255 mL | 0.1274 mL | 0.2548 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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