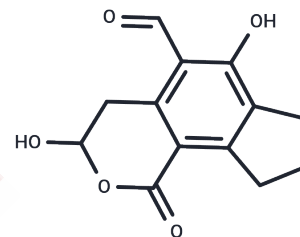


IA1-8H2

Chemical Properties

CAS No. : 2755685-19-7
 Formula: C₁₃H₁₂O₅
 Molecular Weight: 248.23
 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 | IA1-8H2, a non-covalent, non-competitive inhibitor of PHPT1 with an IC ₅₀ of 3.4 μM, is utilized in the study of lung cancer, hepatocarcinoma, and renal cancer [1]. |
| Targets(IC ₅₀) | Others,Phosphatase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.0285 mL | 20.1426 mL | 40.2852 mL |
| 5 mM | 0.8057 mL | 4.0285 mL | 8.057 mL |
| 10 mM | 0.4029 mL | 2.0143 mL | 4.0285 mL |
| 50 mM | 0.0806 mL | 0.4029 mL | 0.8057 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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