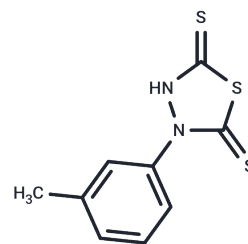


Adenylyl cyclase-IN-1

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 731827-16-0 |
| Formula: | C ₉ H ₈ N ₂ S ₃ |
| Molecular Weight: | 240.37 |
| 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 | Adenylyl cyclase-IN-1 is a potential adenylyl cyclase inhibitor for ocular hypotonia research [1]. |
| Targets(IC50) | Adenylate cyclase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.1603 mL | 20.8013 mL | 41.6025 mL |
| 5 mM | 0.8321 mL | 4.1603 mL | 8.3205 mL |
| 10 mM | 0.416 mL | 2.0801 mL | 4.1603 mL |
| 50 mM | 0.0832 mL | 0.416 mL | 0.8321 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.

Reference

Luo B, et, al. Design, Synthesis, and Antifungal Activities of Novel Pyrazole-4-carboxamide Derivatives Containing an Ether Group as Potential Succinate Dehydrogenase Inhibitors. J Agric Food Chem. 2023 Jun 21;71(24):9255-9265.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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