

PDE1-IN-8

Chemical Properties

CAS No. :

Formula: C17H11Cl2N3OS2

Molecular Weight: 408.32

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 | PDE1-IN-8 (Compound 3f) acts as an inhibitor of PDE1, with an IC50 of 11 nM. It hinders cAMP and cGMP signaling pathways, impeding the differentiation and proliferation of cells into myofibroblasts, and demonstrates antifibrotic effects in the Bleomycin-induced rat model of pulmonary fibrosis. |
| Targets(IC50) | Others,PDE |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4491 mL | 12.2453 mL | 24.4906 mL |
| 5 mM | 0.4898 mL | 2.4491 mL | 4.8981 mL |
| 10 mM | 0.2449 mL | 1.2245 mL | 2.4491 mL |
| 50 mM | 0.049 mL | 0.2449 mL | 0.4898 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481