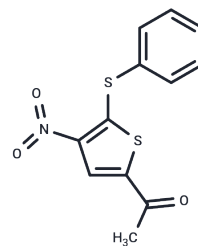


P22074

Chemical Properties

CAS No. : 90680-28-7
Formula: C₁₂H₉NO₃S₂
Molecular Weight: 279.33
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 | P22074 is a USP7 inhibitor. It is not an active antagonist like its halogenated related compounds. p22074 has antitumour activity. |
| Targets(IC50) | DUB |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 11 mg/mL (39.38 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 3.580 mL | 17.900 mL | 35.7999 mL |
| 5 mM | 0.716 mL | 3.580 mL | 7.160 mL |
| 10 mM | 0.358 mL | 1.790 mL | 3.580 mL |
| 50 mM | 0.0716 mL | 0.358 mL | 0.716 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

Wu J, et al. Chemical Approaches to Intervening in Ubiquitin Specific Protease 7 (USP7) Function for Oncology and Immune Oncology Therapies. J Med Chem. 2018 ; 61(2): 422-443.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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