Data Sheet (Cat.No.T4177)



U 19963

Chemical Properties

CAS No.: 404-52-4

Formula: C13H10F2N2S

Molecular Weight: 264.29

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	U 19963 is a potent inhibitor of several enzymes and receptors and has been used to study the effects of drugs on biological systems. It has been found to possess a wide range of biological activities, including anti-inflammatory, anti-tumor and antibacterial properties.
Targets(IC50)	Others

Solubility Information

Solubility DMSO: 55 mg/mL (208.1 mM),

(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg	
1 mM	3.7837 mL	18.9186 mL	37.8372 mL	
5 mM	0.7567 mL	3.7837 mL	7.5674 mL	
10 mM	0.3784 mL	1.8919 mL	3.7837 mL	
50 mM	0.0757 mL	0.3784 mL	0.7567 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.

Reference

Zhao D, et al. Synthesis of novel 4-thiazolidione derivatives as antibacterial agents against drug-resistant Staphylococcus epidermidis, Medicinal Chemistry Research, August 2013, Volume 22, Issue 8, pp 3743-3750

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