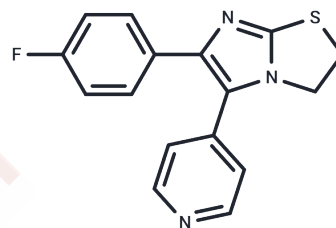


SKF-86002

Chemical Properties

CAS No. : 72873-74-6
 Formula: C₁₆H₁₂FN₃S
 Molecular Weight: 297.35
 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	SKF-86002 is an effective inhibitor of p38 MAP kinase (IC ₅₀ : 0.5-1 μM); inhibits LPS-induced IL-1 and TNF-α production in human monocytes (IC ₅₀ : 1 μM).
Targets(IC ₅₀)	p38 MAPK,TNF

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.363 mL	16.8152 mL	33.6304 mL
5 mM	0.6726 mL	3.363 mL	6.7261 mL
10 mM	0.3363 mL	1.6815 mL	3.363 mL
50 mM	0.0673 mL	0.3363 mL	0.6726 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

- Griswold DE, et al. Biochem Pharmacol. 1987 Oct 15;36(20):3463-70.
 Su C, Cheng C, Rong Z, et al. Repurposing fluphenazine as an autophagy modulator for treating liver cancer. Heliyon.2023

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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