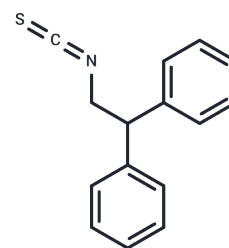


SF5

Chemical Properties

CAS No. : 34634-22-5
 Formula: C₁₅H₁₃NS
 Molecular Weight: 239.34
 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	SF5 is an inhibitor of the apoptosis pathway through JNK-p53-caspase apoptotic cascade.
Targets(IC50)	Apoptosis,Caspase,JNK,MDM-2/p53
In vitro	SF5 shows strong cell survival effect of kidney epithelial cells (93% at a concentration of 2.5 μM).

Solubility Information

Solubility	DMSO: 45 mg/mL (188.02 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1782 mL	20.8908 mL	41.7816 mL
5 mM	0.8356 mL	4.1782 mL	8.3563 mL
10 mM	0.4178 mL	2.0891 mL	4.1782 mL
50 mM	0.0836 mL	0.4178 mL	0.8356 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

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