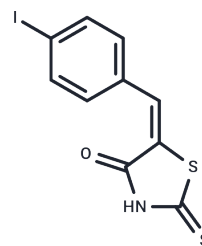


NSC 409012

Chemical Properties

CAS No. : 90947-00-5
 Formula: C₁₀H₆INOS₂
 Molecular Weight: 347.2
 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	NSC-409012 (5-(4-iodobenzylidene)rhodanine) is an active compound that has been found to have a variety of biochemical and physiological effects, including regulation of gene expression, cell proliferation and apoptosis. It also possesses anti-inflammatory, anti-tumor, antioxidant and antifungal activities.
Targets(IC50)	Others

Solubility Information

Solubility DMSO: 12 mg/mL (34.56 mM), Sonication is recommended.
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8802 mL	14.4009 mL	28.8018 mL
5 mM	0.576 mL	2.8802 mL	5.7604 mL
10 mM	0.288 mL	1.4401 mL	2.8802 mL
50 mM	0.0576 mL	0.288 mL	0.576 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

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