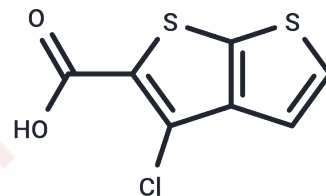


3-Chlorothieno[2,3-b]thiophene-2-carboxylic acid

Chemical Properties

CAS No. :	39244-08-1
Formula:	C7H3ClO2S2
Molecular Weight:	218.681
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	3-Chlorothieno[2,3-b]thiophene-2-carboxylic acid 3-B]THIOPHENE-2-CARBOXYLIC ACID, with CAS No. 39244-08-1, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 3-Chlorothieno[2,3-b]thiophene-2-carboxylic acid provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.
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Solubility Information

Solubility	DMSO: 43.74 mg/mL (200.02 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	4.5729 mL	22.8645 mL	45.7289 mL
5 mM	0.9146 mL	4.5729 mL	9.1458 mL
10 mM	0.4573 mL	2.2864 mL	4.5729 mL
50 mM	0.0915 mL	0.4573 mL	0.9146 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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