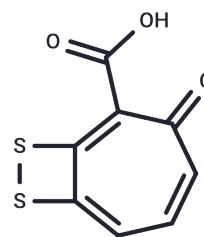


Tropodithietic acid

Chemical Properties

CAS No. :	750590-18-2
Formula:	C ₈ H ₄ O ₃ S ₂
Molecular Weight:	212.25
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	Tropodithietic acid, a sulfur-containing antibiotic produced by the marine bacterium <i>Phaeobacter inhibens</i> , exhibits potent antibiotic efficacy across a diverse array of bacteria, encompassing alpha- and gammaproteobacteria, flavobacteria, and actinobacteria.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7114 mL	23.5571 mL	47.1143 mL
5 mM	0.9423 mL	4.7114 mL	9.4229 mL
10 mM	0.4711 mL	2.3557 mL	4.7114 mL
50 mM	0.0942 mL	0.4711 mL	0.9423 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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