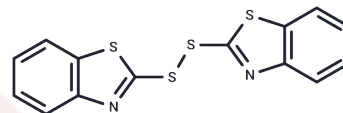


2,2-Dithiobis(Benzothiazole)

Chemical Properties

CAS No. :	120-78-5
Formula:	C ₁₄ H ₈ N ₂ S ₄
Molecular Weight:	332.49
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	2,2-Dithiobis(Benzothiazole) inhibits MAPK8 and Pseudomonas aeruginosa and is commonly used as an accelerator in rubber and plastic synthesis.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0076 mL	15.038 mL	30.0761 mL
5 mM	0.6015 mL	3.0076 mL	6.0152 mL
10 mM	0.3008 mL	1.5038 mL	3.0076 mL
50 mM	0.0602 mL	0.3008 mL	0.6015 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

Domyati D, et, al. Synthesis, crystal structural description, DNA binding, molecular docking, and anticancer evaluation of the novel platinum(IV) supramolecular complex. BMC Chem. 2025 Apr 18;19(1):102.

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