

Hydroxyethyl disulfide

Chemical Properties

CAS No. : 1892-29-1

Formula: C₄H₁₀O₂S₂

Molecular Weight: 154.251

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	Hydroxyethyl disulfide can counteract the inhibitory effects of showdomycin on methotrexate-resistant thymidylate synthase and is protected from deactivation by its substrate, deoxyuridine monophosphate, thus preserving the antibiotic's activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.483 mL	32.4149 mL	64.8298 mL
5 mM	1.2966 mL	6.483 mL	12.966 mL
10 mM	0.6483 mL	3.2415 mL	6.483 mL
50 mM	0.1297 mL	0.6483 mL	1.2966 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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