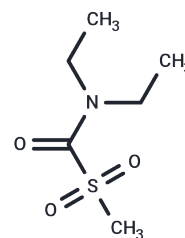


MeDTC

Chemical Properties

CAS No. : 155514-79-7
 Formula: C₆H₁₃NO₃S
 Molecular Weight: 179.24
 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	MeDTC (S-Methyl-N,N-diethylthiocarbamate Sulfone), a metabolite of Disulfiram, serves as a potent and irreversible inhibitor of aldehyde dehydrogenase (ALDH) [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5791 mL	27.8956 mL	55.7911 mL
5 mM	1.1158 mL	5.5791 mL	11.1582 mL
10 mM	0.5579 mL	2.7896 mL	5.5791 mL
50 mM	0.1116 mL	0.5579 mL	1.1158 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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