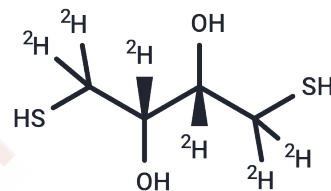


DL-dithiothreitol-D6

Chemical Properties

CAS No. : 850153-85-4
 Formula: C₄H₁₀O₂S₂
 Molecular Weight: 160.29
 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	DL-dithiothreitol-D6 is the deuterated form of DL-dithiothreitol. DL-dithiothreitol (T5370) (DTT) serves as a potent reducing agent and exhibits activity against disulfidptosis. Upon oxidation, DL-dithiothreitol (T5370) forms a stable six-membered ring featuring an internal disulfide bond.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.2387 mL	31.1935 mL	62.3869 mL
5 mM	1.2477 mL	6.2387 mL	12.4774 mL
10 mM	0.6239 mL	3.1193 mL	6.2387 mL
50 mM	0.1248 mL	0.6239 mL	1.2477 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.

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