

Dibutylsulfide

Chemical Properties

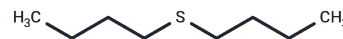
CAS No. : 544-40-1

Formula: C₈H₁₈S

Molecular Weight: 146.29

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dibutylsulfide is an organic sulphur compound commonly used as a building block in organic synthesis and in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.8357 mL	34.1787 mL	68.3574 mL
5 mM	1.3671 mL	6.8357 mL	13.6715 mL
10 mM	0.6836 mL	3.4179 mL	6.8357 mL
50 mM	0.1367 mL	0.6836 mL	1.3671 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

Popiel S, et al. Rate of dibutylsulfide decomposition by ozonation and the O₃/H₂O₂ advanced oxidation process. J Hazard Mater. 2009 May 30;164(2-3):1364-71.

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481