

1,9-Nonanedithiol

Chemical Properties

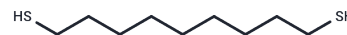
CAS No. : 3489-28-9

Formula: C₉H₂₀S₂

Molecular Weight: 192.39

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	1,9-Nonanedithiol is a thiol used in organic synthesis and biochemical experiments.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1978 mL	25.9889 mL	51.9778 mL
5 mM	1.0396 mL	5.1978 mL	10.3956 mL
10 mM	0.5198 mL	2.5989 mL	5.1978 mL
50 mM	0.104 mL	0.5198 mL	1.0396 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

Yang YC, et al. In situ scanning tunneling microscopy of 1,6-hexanedithiol, 1,9-nonanedithiol, 1,2-benzenedithiol, and 1,3-benzenedithiol adsorbed on pt(111) electrodes. Langmuir. 2006 May 23;22(11):5189-95.

Durand PL, et al. Versatile cross-linked fatty acid-based polycarbonate networks obtained by thiol-ene coupling reaction. RSC Adv. 2018 Dec 21;9(1):145-150.

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