

N-nitrosodi-n-propylamine

Chemical Properties

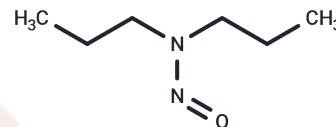
CAS No. : 621-64-7

Formula: C₆H₁₄N₂O

Molecular Weight: 130.19

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	N-nitrosodi-n-propylamine is a nitrosamine compound and a potential carcinogen, widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.6811 mL	38.4054 mL	76.8108 mL
5 mM	1.5362 mL	7.6811 mL	15.3622 mL
10 mM	0.7681 mL	3.8405 mL	7.6811 mL
50 mM	0.1536 mL	0.7681 mL	1.5362 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

Park KK, et al. Microsomal metabolism of N-nitrosodi-n-propylamine: formation of products resulting from alpha- and beta-oxidation. Chem Biol Interact. 1978 Jul;22(1):83-90.

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