

Hexadecan-3-ol

Chemical Properties

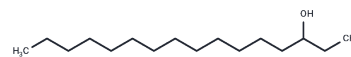
CAS No. : 593-03-3

Formula: C₁₆H₃₄O

Molecular Weight: 242.44

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	Hexadecan-3-ol (3-Hexadecanol) is an oxidation intermediate and a surfactant that can be used to synthesize other compounds.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1247 mL	20.6237 mL	41.2473 mL
5 mM	0.8249 mL	4.1247 mL	8.2495 mL
10 mM	0.4125 mL	2.0624 mL	4.1247 mL
50 mM	0.0825 mL	0.4125 mL	0.8249 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

Prakash J, et al. Novel metabolites from *Bacillus safensis* and their antifungal property against *Alternaria alternata*. *Antonie Van Leeuwenhoek*. 2021 Aug; 114(8):1245-1258.

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