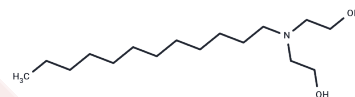


2-[dodecyl(2-hydroxyethyl)amino]ethanol

Chemical Properties

CAS No. :	1541-67-9
Formula:	C ₁₆ H ₃₅ NO ₂
Molecular Weight:	273.45
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-[dodecyl(2-hydroxyethyl)amino]ethanol (N-Lauryldiethanolamine) is a surfactant that can also be used as an emulsifier and wetting agent in skin care products.
Targets(IC50)	Others,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.657 mL	18.2849 mL	36.5698 mL
5 mM	0.7314 mL	3.657 mL	7.314 mL
10 mM	0.3657 mL	1.8285 mL	3.657 mL
50 mM	0.0731 mL	0.3657 mL	0.7314 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

Guseva, M.K., Denieva, Z.G., Budanova, U.A. et al. Cationic Lipoaminoacid Derivatives of Diethanolamine As Potentially Membrane-Active Antibacterial Agents. Biochem. Moscow Suppl. Ser. A 17, 148-155 (2023).

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