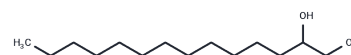


Myristyl glycol

Chemical Properties

CAS No. :	21129-09-9
Formula:	C14H30O2
Molecular Weight:	230.39
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	Myristyl glycol (1,2-Tetradecanediol) is a lipid compound that is often added as an emollient in the cosmetics and personal care industries.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 2 mg/mL (8.68 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3405 mL	21.7023 mL	43.4047 mL
5 mM	0.8681 mL	4.3405 mL	8.6809 mL
10 mM	0.434 mL	2.1702 mL	4.3405 mL
50 mM	0.0868 mL	0.434 mL	0.8681 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

Namukobe J, et al. Antibacterial, antioxidant, and sun protection potential of selected ethno medicinal plants used for skin infections in Uganda. Trop Med Health. 2021 Jun 15;49(1):49.

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