

Pentadecane-1,15-diol

Chemical Properties

CAS No. :	14722-40-8
Formula:	C ₁₅ H ₃₂ O ₂
Molecular Weight:	244.413
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	Pentadecane-1,15-diol (1,15-Pentadecanediol) is a surfactant and a lubricant that can be used in the manufacture of skin care products, coatings, and dyes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0915 mL	20.4574 mL	40.9149 mL
5 mM	0.8183 mL	4.0915 mL	8.183 mL
10 mM	0.4091 mL	2.0457 mL	4.0915 mL
50 mM	0.0818 mL	0.4091 mL	0.8183 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

Peters, R., de Jong, N., de Haan, L. et al. Release and intestinal translocation of chemicals associated with microplastics in an in vitro human gastrointestinal digestion model. *Micropl.&Nanopl.* 2, 3 (2022).

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