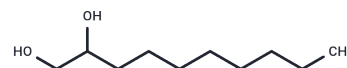


Decylene glycol

Chemical Properties

CAS No. :	1119-86-4
Formula:	C ₁₀ H ₂₂ O ₂
Molecular Weight:	174.28
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Decylene glycol is used as an antimicrobial agent in cosmetics. It also suppresses the fluidity of the hydrophobic and hydrophilic groups in the phospholipid membrane of liposomes.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7379 mL	28.6895 mL	57.3789 mL
5 mM	1.1476 mL	5.7379 mL	11.4758 mL
10 mM	0.5738 mL	2.8689 mL	5.7379 mL
50 mM	0.1148 mL	0.5738 mL	1.1476 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.

Reference

Hall T, Kelly GM, Emery WR. Use of mobile phase additives for the elution of bispecific and monoclonal antibodies from phenyl based hydrophobic interaction chromatography resins. J Chromatogr B Analyt Technol Biomed Life

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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