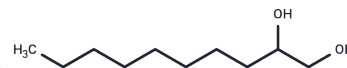


## Decylene glycol

## Chemical Properties

CAS No. :	1119-86-4
Formula:	C <sub>10</sub> H <sub>22</sub> O <sub>2</sub>
Molecular Weight:	174.28
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	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.
Targets(IC50)	Others

## 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.

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.

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