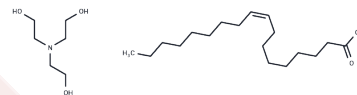


Triethanolamine oleate

Chemical Properties

CAS No. :	2717-15-9
Formula:	C ₂₄ H ₄₉ NO ₅
Molecular Weight:	431.65
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	Triethanolamine oleate is a nonionic surfactant
Targets(IC50)	Apoptosis,ATPase,Others,Endogenous Metabolite

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	2.3167 mL	11.5835 mL	23.1669 mL
5 mM	0.4633 mL	2.3167 mL	4.6334 mL
10 mM	0.2317 mL	1.1583 mL	2.3167 mL
50 mM	0.0463 mL	0.2317 mL	0.4633 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

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Masoumi HR, Kassim A, Basri M, Abdullah DK. Determining optimum conditions for lipase-catalyzed synthesis of triethanolamine (TEA)-based esterquat cationic surfactant by a Taguchi robust design method. *Molecules*. 2011 Jun 3;16(6):4672-80. doi: 10.3390/molecules16064672. PubMed PMID: 21642941.

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Sasseville D, Moreau L. Allergic contact dermatitis from triethanolamine polypeptide oleate condensate in eardrops and shampoo. *Contact Dermatitis*. 2005 Apr;52(4):233. PubMed PMID: 15860001.

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