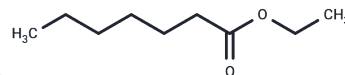


Cognac oil

Chemical Properties

CAS No. :	8016-21-5
Formula:	C ₉ H ₁₈ O ₂
Molecular Weight:	158.241
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	Cognac oil, predominantly derived from wine lees, exhibits distinctive fatty acid compositions, characterized by high proportions of Palmitic acid (59.26%), Linoleic acid (11.92%), Myristic acid (8.97%), and Oleic acid (8.3%) among other fatty acids. Notably, the application of Cognac oil enhances the permeability of Rhodamine 6G (R6G) across various membranes, resulting in a generalized increase in permeation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3195 mL	31.5976 mL	63.1951 mL
5 mM	1.2639 mL	6.3195 mL	12.639 mL
10 mM	0.632 mL	3.1598 mL	6.3195 mL
50 mM	0.1264 mL	0.632 mL	1.2639 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

Mark Fensham, et al. Artificial membranes in combination with selected natural oils for in vitro drug passive diffusion screening in Ussing type chamber apparatus applied to gastro-retentive systems. Pharm Dev Technol . 2020 Mar;25(3):366-375.

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