

Elfacos EHP

Chemical Properties

CAS No. : 29806-73-3

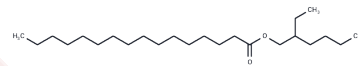
Formula: C₂₄H₄₈O₂

Molecular Weight: 368.64

Pure form: -20°C for 3 years | In solvent: -80°C for 1

Storage: year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Elfacos EHP (2-ethylhexyl palmitate) is a fatty acid ester derived from 2-ethyl hexanol and palmitic acid and can be used in cosmetic formulations.
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Targets(IC50)	Others
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Solubility Information

Solubility	DMSO: 50 mg/mL (135.63 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7127 mL	13.5634 mL	27.1267 mL
5 mM	0.5425 mL	2.7127 mL	5.4253 mL
10 mM	0.2713 mL	1.3563 mL	2.7127 mL
50 mM	0.0543 mL	0.2713 mL	0.5425 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

Purohit S, Bohra MK, Jain R. Identification of Bioactive Pentacyclic Triterpenoids and Fatty Acid Derivatives from *Cissus quadrangularis* and *C. rotundifolia* Through Untargeted Metabolite Profiling. *Appl Biochem Biotechnol.* 2022 May 5.

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