

Propyl dodecanoate

Chemical Properties

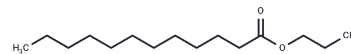
CAS No. : 3681-78-5

Formula: C₁₅H₃₀O₂

Molecular Weight: 242.4

Storage: Store at 4°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Propyl dodecanoate (Propyl laurate) is often added to skin care products to improve the touch of the product and increase the stability of the product.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1254 mL	20.6271 mL	41.2541 mL
5 mM	0.8251 mL	4.1254 mL	8.2508 mL
10 mM	0.4125 mL	2.0627 mL	4.1254 mL
50 mM	0.0825 mL	0.4125 mL	0.8251 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

Bøckmann, P.L., et al. Chemo-Enzymatic Synthesis of Enantiopure β -Blocker (S)-Metoprolol and Derivatives. Top Catal 67, 563-571 (2024).

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481