

Pentyl dodecanoate

Chemical Properties

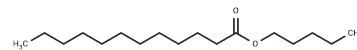
CAS No. : 5350-03-8

Formula: C17H34O2

Molecular Weight: 270.45

Storage: Store at 4°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Pentyl dodecanoate (Pentyl laurate) is an active substance isolated from wine yeast oil that can be used to reduce hair loss and improve hair growth.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6975 mL	18.4877 mL	36.9754 mL
5 mM	0.7395 mL	3.6975 mL	7.3951 mL
10 mM	0.3698 mL	1.8488 mL	3.6975 mL
50 mM	0.074 mL	0.3698 mL	0.7395 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

Shimizu N, et al. n-Hexyl laurate and fourteen related fatty acid esters: new secretory compounds from the julid millipede, Anaulaciulus sp. J Chem Ecol. 2012 Jan;38(1):23-8.

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481