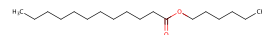


Hexyl dodecanoate

Chemical Properties

CAS No. :	34316-64-8
Formula:	C ₁₈ H ₃₆ O ₂
Molecular Weight:	284.48
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	Hexyl dodecanoate is a surfactant and a common plasticizer.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5152 mL	17.5759 mL	35.1519 mL
5 mM	0.703 mL	3.5152 mL	7.0304 mL
10 mM	0.3515 mL	1.7576 mL	3.5152 mL
50 mM	0.0703 mL	0.3515 mL	0.703 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

- K de S Lira R, et al. Agroindustrial Wastes as a Support for the Immobilization of Lipase from *Thermomyces lanuginosus*: Synthesis of Hexyl Laurate. *Biomolecules*. 2021 Mar 17;11(3):445.
- Cai X, et al. Functional expression of a novel methanol-stable esterase from *Geobacillus subterraneus* DSM13552 for biocatalytic synthesis of cinnamyl acetate in a solvent-free system. *BMC Biotechnol*. 2020 Jun 29;20(1):36.

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