

Isopropyl stearate

Chemical Properties

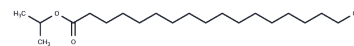
CAS No. : 112-10-7

Formula: C₂₁H₄₂O₂

Molecular Weight: 326.56

Storage: Keep away from moisture, Store under nitrogen
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	Isopropyl stearate is an emollient used in cosmetics and skin care products.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0622 mL	15.3111 mL	30.6222 mL
5 mM	0.6124 mL	3.0622 mL	6.1244 mL
10 mM	0.3062 mL	1.5311 mL	3.0622 mL
50 mM	0.0612 mL	0.3062 mL	0.6124 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

Hochegger A, et al. One-dimensional and comprehensive two-dimensional gas chromatographic approaches for the characterization of post-consumer recycled plastic materials. Anal Bioanal Chem. 2023 May;415(13):2447-2457.

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