

Stearyl methacrylate

Chemical Properties

CAS No. : 32360-05-7

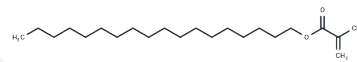
Formula: C₂₂H₄₂O₂

Molecular Weight: 338.57

Keep away from direct sunlight

Storage: 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	Stearyl methacrylate (Octadecyl 2-methylprop-2-enoate) is involved in the synthesis of hydrogels and oil-absorbing resins.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9536 mL	14.768 mL	29.536 mL
5 mM	0.5907 mL	2.9536 mL	5.9072 mL
10 mM	0.2954 mL	1.4768 mL	2.9536 mL
50 mM	0.0591 mL	0.2954 mL	0.5907 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

El-Bahnasawi, A.H., Albohy, S.A.H., El-Azabawy, O.E. et al. Comparison between methacrylate copolymers and their magnetite nanocomposite as pour point depressant for lubricating base oil. *Discov Appl Sci* 6, 69 (2024).

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