

Lauric anhydride

Chemical Properties

CAS No. : 645-66-9

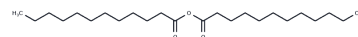
Formula: C₂₄H₄₆O₃

Molecular Weight: 382.6202

Keep away from moisture

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	Lauric anhydride is a white waxy solid that serves as an intermediate in the production of various chemicals. It is primarily utilized in the synthesis of surfactants, emulsifiers, and lubricants, and acts as a raw material for other critical industrial chemicals (such as plasticizers and flavoring agents). Obtained from natural sources like palm kernel oil and coconut oil, its unique chemical structure allows it to be used in producing compounds with specific surface and interface properties.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6136 mL	13.0678 mL	26.1356 mL
5 mM	0.5227 mL	2.6136 mL	5.2271 mL
10 mM	0.2614 mL	1.3068 mL	2.6136 mL
50 mM	0.0523 mL	0.2614 mL	0.5227 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.

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