

Palmitic anhydride

Chemical Properties

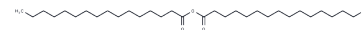
CAS No. : 623-65-4

Formula: C32H62O3

Molecular Weight: 494.83

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	Palmitic anhydride, commonly derived from animal fats and vegetable oils, is a saturated fatty acid extensively employed in organic synthesis. Its primary use is to incorporate palmitoyl(hexadecanoyl) functional groups into various organic molecules. Additionally, it plays a significant role in the manufacture of surfactants, lubricants, and plasticizers. It is also utilized in the formulation of cosmetics and pharmaceuticals.
In vitro	Palmitic anhydride is a biochemical reagent used as a biomaterial or organic compound in life sciences research.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0209 mL	10.1045 mL	20.209 mL
5 mM	0.4042 mL	2.0209 mL	4.0418 mL
10 mM	0.2021 mL	1.0104 mL	2.0209 mL
50 mM	0.0404 mL	0.2021 mL	0.4042 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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