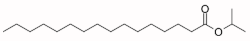
Isopropyl palmitate

Cat. No.: **SN-M-LE426**

Chemical Properties

Product Name	Isopropyl palmitate
Full Name	propan-2-yl hexadecanoate
Cat. No.	SN-M-LE426
CAS No.	142-91-6
Molecular Formula	C19H38O2
Molecular Weight	298.51
Appearance	<11°C 固体,>13°C 液体
Storage	Pure form -20°C 3 years
Shipping	Room temperature in continental US; may vary elsewhere.
Solubility	细胞实验： | DMSO 中的溶解度 : 10 mg/mL (33.50 mM; 超声助溶 (<60°C); 吸湿的 DMSO 对产品的溶解度有显著影响，请使用新开封的 DMSO)
Purity	98+%

Structure



Biological Description

Isopropyl palmitate 是一种脂肪酸酯。Isopropyl palmitate 可用于生物活性双层膜的设计和表征。双层膜不仅具有清除自由基和抑制脂质过氧化的能力，还能抑制已知食源性致病菌的生长。Isopropyl palmitate 可用作药用辅料，如润滑剂、油性载体、溶剂、控释透皮膜等。药用辅料或药用助剂，是指制药过程中使用的除药物成分以外的其他化学物质。药用辅料一般是指药物制剂中的非活性成分，能提高药物制剂的稳定性、溶解性和加工性。药用辅料还会影响共同给药药物的吸收、分布、代谢和消除 (ADME) 过程。

Related Products / Keywords

- Isopropyl142-91-6Propan-2-yl hexadecanoate软脂酸异丙酯Biochemical Assay ReagentsLiposomepharmaceutical excipientpharmaceutical auxiliariepharmaceutical ingredientsinactive ingredientsstabilitysolubilityprocessabilityabsorptiondistributionmetabolismand elimination (ADME)Inhibitorinhibitorinhibit

This product is a research reagent and must not be used for clinical validation or human therapeutic use.