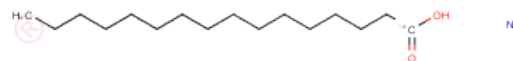


Palmitic acid-13C sodium

Chemical Properties

CAS No. :	201612-54-6
Formula:	C16H32NaO2
Molecular Weight:	280.412
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sodium palmitate-13C is the 13C-labeled variant of palmitic acid, a long-chain saturated fatty acid prevalent in animals and plants. This compound has been shown to induce the expression of glucose-regulated protein 78 (GRP78) and CCAAT/enhancer-binding protein homologous protein (CHOP) in mouse granulosa cells.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5662 mL	17.831 mL	35.6621 mL
5 mM	0.7132 mL	3.5662 mL	7.1324 mL
10 mM	0.3566 mL	1.7831 mL	3.5662 mL
50 mM	0.0713 mL	0.3566 mL	0.7132 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.

Reference

Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-216.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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