Data Sheet (Cat.No.T40141)



Palmitic acid-13C16 sodium

Chemical Properties

CAS No.: 2483736-17-8 Formula: C16H32NaO2

Molecular Weight: 295.297

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Palmitic acid-13C16 sodium, a 13C-labeled form of the naturally occurring saturated
	fatty acid Palmitic acid sodium, is prevalent in animals and plants. This compound can
	trigger the expression of glucose-regulated protein 78 (GRP78) and CCAAT/enhancer
, and the second	binding protein homologous protein (CHOP) in mouse granulosa cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3864 mL	16.9319 mL	33.8639 mL
5 mM	0.6773 mL	3.3864 mL	6.7728 mL
10 mM	0.3386 mL	1.6932 mL	3.3864 mL
50 mM	0.0677 mL	0.3386 mL	0.6773 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

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481

Page 1 of 1 www.targetmol.com