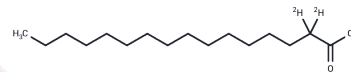


Palmitic acid-D2

Chemical Properties

CAS No. : 62689-96-7
 Formula: C16H32O2
 Molecular Weight: 258.44
 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 acid-D2 is the deuterated form of Palmitic acid. Palmitic acid (T2908) is a long-chain saturated fatty acid commonly found in animals and plants. It is known to induce the expression of glucose-regulated protein 78 (GRP78) and CCAAT/enhancer-binding protein homologous protein (CHOP) in mouse granulosa cells.
Targets(IC50)	HSP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8694 mL	19.3469 mL	38.6937 mL
5 mM	0.7739 mL	3.8694 mL	7.7387 mL
10 mM	0.3869 mL	1.9347 mL	3.8694 mL
50 mM	0.0774 mL	0.3869 mL	0.7739 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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