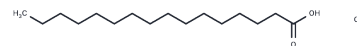


## Palmitic acid calcium

## Chemical Properties

CAS No. :	542-42-7
Formula:	C <sub>16</sub> H <sub>32</sub> O <sub>2</sub> .1/2Ca
Molecular Weight:	275.46
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	Calcium palmitate, a long-chain saturated fatty acid prevalent in animals and plants, induces the expression of glucose-regulated protein 78 (GRP78) and CCAAT/enhancer binding protein homologous protein (CHOP) in mouse granulosa cells. It is employed to establish a cell steatosis model [1] [2].
Targets(IC50)	Others,HSP,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6303 mL	18.1515 mL	36.3029 mL
5 mM	0.7261 mL	3.6303 mL	7.2606 mL
10 mM	0.363 mL	1.8151 mL	3.6303 mL
50 mM	0.0726 mL	0.363 mL	0.7261 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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