Palmitic acid-1-¹³C

MedChemExpress

0830S3
7-53-9
³ CH ₃₂ O ₂
12
Cycle/DNA Damage; Metabolic Enzyme/Protease
der -20°C 3 years lvent -80°C 6 months -20°C 1 month
7

SOLVENT & SOLUBILITY

	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
		1 mM	3.8847 mL	19.4235 mL	38.8470 ml
		5 mM	0.7769 mL	3.8847 mL	7.7694 mL
		10 mM	0.3885 mL	1.9424 mL	3.8847 mL
P	lease refer to the so	olubility information to select the app	propriate solvent.		

BIOLOGICAL ACTIVITY				
BIOLOGICALMONI				
Description	Palmitic acid-1- ¹³ C is the ¹³ C-labeled Palmitic acid. Palmitic acid is a long-chain saturated fatty acid commonly found in both animals and plants. Palmitic acid can induce the expression of glucose-regulated protein 78 (GRP78) and CCAAT/enhancer binding protein homologous protein (CHOP) in in mouse granulosa cells[1][2].			

REFERENCES

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

[2]. Harada H, et al. Antitumor activity of palmitic acid found as a selective cytotoxic substance in a marine red alga. Anticancer Res. 2002 Sep-Oct;22(5):2587-90.

О ¹³С ОН

Caution: Product has not been fully validated for medical applications. For research use only.

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