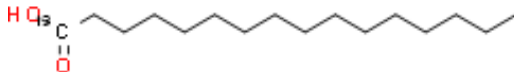


Product Data Sheet

Cas No.:	57677-53-9	Cat. No:	PL05695
Product Name:	Palmitic acid-1-13C		
Product synonym:	十六酸;十六烷酸-1-13C;棕榈酸-1-13C;棕榈酸-13C同位素内标;十六酸-1-13C		
Chemical name:	Palmitic acid-1-13C		
MF:	C16H32O2	FW:	256.42408
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	CCCCCCCCCCCCC[13C](=O)O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Palmitic acid-1-¹³C 是一种 ¹³C 标记的 Palmitic acid。Palmitic acid 一种常见于动物和植物中的长链饱和脂肪酸。Palmitic acid 以诱导小鼠颗粒细胞中葡萄糖调节蛋白 78 (GRP78) 和 CCAAT/增强子结合蛋白同源蛋白 (CHOP) 的表达。

生物活性	Palmitic acid-1-C is the 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].
包装储存	Powder -20°C 3 years; In solvent -80°C 6 months
溶解度数据	In Vitro: DMSO : 66.67 mg/mL (258.99 mM; Need ultrasonic)配制储备液