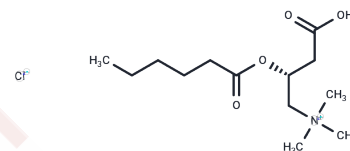


Hexanoyl-L-carnitine (chloride)

Chemical Properties

CAS No. :	162067-53-0
Formula:	C ₁₃ H ₂₆ ClNO ₄
Molecular Weight:	295.8
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	Hexanoyl-L-carnitine is a medium-chain acylcarnitine. It has been used in the synthesis of acylcarnitine benzyl esters. ¹
Targets(IC50)	Others

Solubility Information

Solubility	Methanol: Slightly soluble H ₂ O: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3807 mL	16.9033 mL	33.8066 mL
5 mM	0.6761 mL	3.3807 mL	6.7613 mL
10 mM	0.3381 mL	1.6903 mL	3.3807 mL
50 mM	0.0676 mL	0.3381 mL	0.6761 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.

Reference

Gong, X.-w., Li, J.-p., Wu, J.-f., et al. Synthesis of carnitine benzyl esters as prodrugs. Chem. Res. 2008(6)327-330 (2008)

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