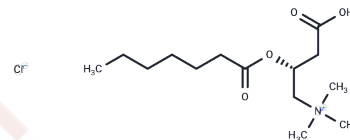


Heptanoyl-L-carnitine (chloride)

Chemical Properties

CAS No. :	162041-08-9
Formula:	C ₁₄ H ₂₈ ClNO ₄
Molecular Weight:	309.83
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	Heptanoyl-L-carnitine is a medium-chain acylcarnitine and derivative of L-carnitine .
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 10 mg/mL (32.28 mM),Sonication is recommended. DMF: 20 mg/mL (64.55 mM),Sonication is recommended. Ethanol: 20 mg/mL (64.55 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2276 mL	16.1379 mL	32.2758 mL
5 mM	0.6455 mL	3.2276 mL	6.4552 mL
10 mM	0.3228 mL	1.6138 mL	3.2276 mL
50 mM	0.0646 mL	0.3228 mL	0.6455 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.

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