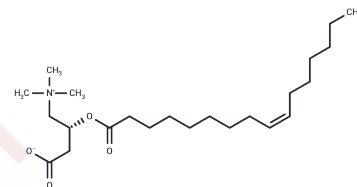


Palmitoleoylcarnitine

Chemical Properties

CAS No. :	329321-94-0
Formula:	C ₂₃ H ₄₃ NO ₄
Molecular Weight:	397.59
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	Palmitoleoylcarnitine is an endogenous metabolite suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5152 mL	12.5758 mL	25.1515 mL
5 mM	0.503 mL	2.5152 mL	5.0303 mL
10 mM	0.2515 mL	1.2576 mL	2.5152 mL
50 mM	0.0503 mL	0.2515 mL	0.503 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

Khedr A, et al. Accumulation of oxysterols in the erythrocytes of COVID-19 patients as a biomarker for case severity. *Respir Res.* 2023;24(1):206. Published 2023 Aug 23.

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