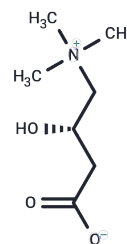


D-Carnitine

Chemical Properties

CAS No. :	541-14-0
Formula:	C7H15NO3
Molecular Weight:	161.201
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	D-Carnitine, an orally available isomer of the essential nutrient L-carnitine, facilitates the transport of long-chain fatty acids into the mitochondrial matrix for beta-oxidation. Additionally, D-Carnitine exhibits antiparasitic activity [1] [2] [3].
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.2035 mL	31.0174 mL	62.0347 mL
5 mM	1.2407 mL	6.2035 mL	12.4069 mL
10 mM	0.6203 mL	3.1017 mL	6.2035 mL
50 mM	0.1241 mL	0.6203 mL	1.2407 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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