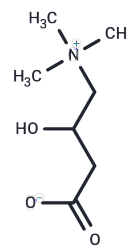


## DL-Carnitine

## Chemical Properties

CAS No. :	461-06-3
Formula:	C <sub>7</sub> H <sub>15</sub> NO <sub>3</sub>
Molecular Weight:	161.2
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	DL-Carnitine (Carnitina) is the constituent of liver and striated muscle. In therapeutically It is used to stimulate pancreatic and gastric secretions and to treat hyperlipoproteinemias.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 25 mg/mL (155.09 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	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.

## Reference

Lopes G, et al. Braz J Med Biol Res. 2003 Sep;36(9):1255-62.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481