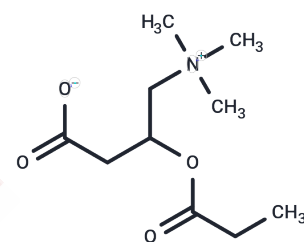


## Propionylcarnitine

## Chemical Properties

CAS No. : 17298-37-2  
 Formula: C<sub>10</sub>H<sub>19</sub>NO<sub>4</sub>  
 Molecular Weight: 217.26  
 Appearance: no data available  
 Storage: keep away from moisture  
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Propionylcarnitine (Propionyl carnitine) is a widely used dietary supplement that has been associated with glaucoma and does it ruptu
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 125 mg/mL (575.35 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	4.6028 mL	23.0139 mL	46.0278 mL
5 mM	0.9206 mL	4.6028 mL	9.2056 mL
10 mM	0.4603 mL	2.3014 mL	4.6028 mL
50 mM	0.0921 mL	0.4603 mL	0.9206 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

Vanella A, et al. L -propionyl-carnitine as superoxide scavenger, antioxidant, and DNA cleavage protector. Cell Biol Toxicol. 2000;16(2):99-104.

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