

Levocarnitine propionate hydrochloride

Chemical Properties

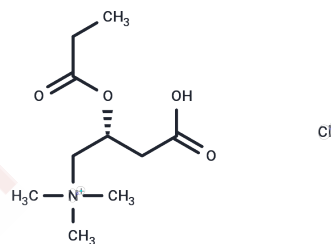
CAS No. : 119793-66-7

Formula: C₁₀H₂₀ClNO₄

Molecular Weight: 253.72

Appearance: no data available

Storage: store at low temperature, keep away from moisture
 Pure form: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Levocarnitine propionate hydrochloride (ST-261) is used for the treatment of the deterioration of renal function, congestive heart failure, intermittent claudication, and other diseases.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (216.77 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	3.9414 mL	19.7068 mL	39.4135 mL
5 mM	0.7883 mL	3.9414 mL	7.8827 mL
10 mM	0.3941 mL	1.9707 mL	3.9414 mL
50 mM	0.0788 mL	0.3941 mL	0.7883 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

Oishi R, et al. Naunyn Schmiedeberg's Arch Pharmacol. 1994 Feb;349(2):140-4.

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