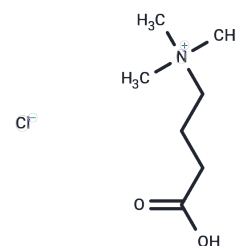


(3-Carboxypropyl)trimethylammonium chloride

Chemical Properties

CAS No. :	6249-56-5
Formula:	C7H16ClNO2
Molecular Weight:	181.66
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(3-Carboxypropyl)trimethylammonium chloride ((3-Carboxypropyl)trimethylammonium chlor) is a synthetic carnitine related compound used as a transporter substrate in the cloning and sequencing of human carnitine transporter 2 (CT2).
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 30 mg/mL (165.14 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	5.5048 mL	27.5239 mL	55.0479 mL
5 mM	1.101 mL	5.5048 mL	11.0096 mL
10 mM	0.5505 mL	2.7524 mL	5.5048 mL
50 mM	0.1101 mL	0.5505 mL	1.101 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

Koeth RA, et al. γ -Butyrobetaine is a proatherogenic intermediate in gut microbial metabolism of L-carnitine to TMAO. Cell Metab. 2014 Nov 4;20(5):799-812.

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