Data Sheet (Cat.No.T20962)

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(S)-Baclofen

Chemical Properties

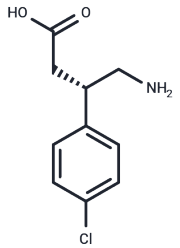
CAS No. : 66514-99-6

Formula: C10H12ClNO2

Molecular Weight: 213.66

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	(S)-Baclofen has effects on excitation in the ascending auditory pathway leading to it a potential reagent for the treatment of hyperactive auditory disorders such as hyperacusis and tinnitus.

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6803 mL	23.4017 mL	46.8033 mL
5 mM	0.9361 mL	4.6803 mL	9.3607 mL
10 mM	0.468 mL	2.3402 mL	4.6803 mL
50 mM	0.0936 mL	0.468 mL	0.9361 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

Zheng Y, McPherson K, Smith PF. Effects of early and late treatment with L-baclofen on the development and maintenance of tinnitus caused by acoustic trauma in rats. Neuroscience. 2014 Jan 31;258:410-21. doi: 10.1016/j.

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