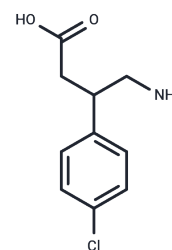


Baclofen

Chemical Properties

CAS No. :	1134-47-0
Formula:	C ₁₀ H ₁₂ ClNO ₂
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	Baclofen (Lioresal) is a synthetic chlorophenyl-butanoic acid derivative used to treat spasms due to spinal cord damage and multiple sclerosis, muscle-relaxing Baclofen acts as a gamma-aminobutyric acid (GABA) agonist specific for GABA-B receptors. It acts at spinal and supraspinal sites, reducing excitatory transmission.
Targets(IC50)	GABA Receptor

Solubility Information

Solubility	DMSO: Insoluble, H ₂ O: 2.5 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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

Garcia-Gil L, et al. Neurotoxicol Teratol. 1999 May-Jun;21(3):277-83.

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