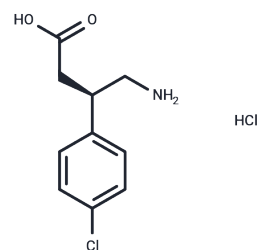


(R)-Baclofen hydrochloride

Chemical Properties

CAS No. :	63701-55-3
Formula:	C ₁₀ H ₁₃ Cl ₂ NO ₂
Molecular Weight:	250.12
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Arbaclofen hydrochloride, a Gamma-Aminobutyric Acid derivative, is a specific agonist of GABA-B receptors, it is used to treat spasticity, especially that due to spinal cord damage. It acts at spinal and supraspinal sites, generally reduces excitatory transmission.
Targets(IC50)	GABA Receptor

Solubility Information

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

	1mg	5mg	10mg
1 mM	3.9981 mL	19.9904 mL	39.9808 mL
5 mM	0.7996 mL	3.9981 mL	7.9962 mL
10 mM	0.3998 mL	1.999 mL	3.9981 mL
50 mM	0.080 mL	0.3998 mL	0.7996 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

Berry-Kravis E, Hagerman R, Visootsak J, Budimirovic D, Kaufmann WE, Cherubini M, Zarevics P, Walton-Bowen K, Wang P, Bear MF, Carpenter RL. Arbaclofen in fragile X syndrome: results of phase 3 trials. J Neurodev Disord. 2017

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