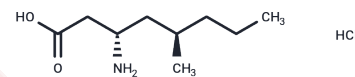


β -Amino Acid Imagabalin Hydrochloride

Chemical Properties

CAS No. :	610300-00-0
Formula:	C ₉ H ₂₀ ClNO ₂
Molecular Weight:	209.71
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	β -Amino Acid Imagabalin Hydrochloride is the voltage-dependent calcium channel ligand for the $\alpha 2\delta$ subunit.
Targets(IC50)	Calcium Channel
In vivo	β -Amino Acid Imagabalin Hydrochloride has undergone phase I clinical trials for chronic kidney disease and phase III clinical trials for generalized anxiety disorders.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7685 mL	23.8424 mL	47.6849 mL
5 mM	0.9537 mL	4.7685 mL	9.537 mL
10 mM	0.4768 mL	2.3842 mL	4.7685 mL
50 mM	0.0954 mL	0.4768 mL	0.9537 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Birch M, et al. A Simplified Process for the Manufacture of Imagabalin Hydrochloride (PD-0332334), an $\alpha 2\delta$ -Ligand for the Treatment of Generalised Anxiety Disorder. Org. Process Res. Dev., 2011, 15 (6), pp 1358-1364

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