
Product Data Sheet

Product Name: β -Amino Acid Imagabalin Hydrochloride (PD-0332334)

Cat. No.: GC31248

Chemical Properties

Cas. No. 610300-00-0

SMILES OC(C[C@@H](N)C[C@H](C)CCC)=O.Cl

Formula $C_9H_{20}ClNO_2$ M.Wt 209.71

Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

β -Amino Acid Imagabalin Hydrochloride (PD-0332334) is a ligand for the $\alpha 2\delta$ subunit of the voltage-dependent calcium channel.

β -Amino Acid Imagabalin Hydrochloride had been in phase III clinical trials for the treatment of generalised anxiety disorders. However, this research has been discontinued[2]. β -Amino Acid Imagabalin Hydrochloride had been also in phase I clinical trials for the treatment of chronic kidney disease[3].

[1]. 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

Caution: Product has not been fully validated for medical applications. For research use only.

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