

Product Name : Imagabalin hydrochloride

Synonyms : PD-0332334;PD-332334

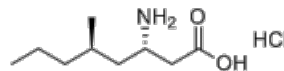
Cat No. : M15290

CAS Number : 610300-00-0

Molecular Formula : C₉H₂₀ClNO₂

Formula Weight : 209.71

Chemical Name : (3S,5R)-3-amino-5-methyloctanoic acid hydrochloride



Description : Imagabalin (PD 0332334) is a novel ligand for the $\alpha 2\delta$ subunit of the voltage-dependent calcium channel (VDCC) with some selectivity for the $\alpha 2\delta 1$ subunit over $\alpha 2\delta 2$; demonstrated preclinical efficacy of anxiolytic, analgesic, hypnotic, and anticonvulsant-like activity for the treatment of generalized anxiety disorder. Anxiety Phase 3 Discontinued

Pathway : GPCR/G Protein

Target : Calcium Channel

Receptor : Calcium Channel

Solubility : —

SMILES : CCCC[C@@H](C)C[C@H](N)CC(=O)O.[H]Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Quintero JE, et al. Brain Res. 2011 Jul 15;1401:1-9.