

Lesogaberan hydrochloride

Chemical Properties

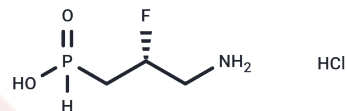
CAS No. :

Formula: C₃H₁₀ClFNO₂P

Molecular Weight: 177.54

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	Lesogaberan (AZD-3355) hydrochloride is a potent and selective GABA B receptor agonist with an EC ₅₀ of 8.6 nM for human recombinant GABA B receptor. The affinity (K _i s) of Lesogaberan hydrochloride for rat GABA B and GABA A receptors, as measured by displacement of GABA binding in brain membranes: 5.1 nM and 1.4 μM, respectively. Lesogaberan hydrochloride inhibits transient lower esophageal sphincter relaxation through a peripheral mode of action .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6325 mL	28.1627 mL	56.3253 mL
5 mM	1.1265 mL	5.6325 mL	11.2651 mL
10 mM	0.5633 mL	2.8163 mL	5.6325 mL
50 mM	0.1127 mL	0.5633 mL	1.1265 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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