

LY 78335

Chemical Properties

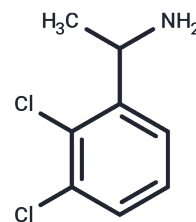
CAS No. : 39959-66-5

Formula: C₈H₁₀Cl₃N

Molecular Weight: 226.53

Storage: Keep away from moisture
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

HCl



Biological Description

Description	LY 78335 (1-(2,3-Dichlorophenyl)ethanamine hydrochloride) is a phenylethanolamine-N-methyltransferase (PNMT) inhibitor.
Targets(IC50)	Others,Adrenergic Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (220.72 mM),Sonication is recommended. H ₂ O: < 25 mg/mL (110.36 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4144 mL	22.0721 mL	44.1443 mL
5 mM	0.8829 mL	4.4144 mL	8.8289 mL
10 mM	0.4414 mL	2.2072 mL	4.4144 mL
50 mM	0.0883 mL	0.4414 mL	0.8829 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

Durcan MJ, Lister RG, Linnoila M. Behavioral effects of the inhibitors of phenylethanolamine-N-methyltransferase, LY 78335 and LY 134046, and their interactions with ethanol. *Psychopharmacology (Berl)*. 1990;101(2):196-202.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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