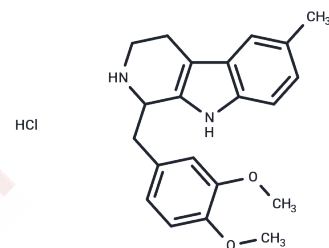


LY 272015 hydrochloride

Chemical Properties

CAS No. :	172895-15-7
Formula:	C ₂₁ H ₂₅ ClN ₂ O ₂
Molecular Weight:	372.89
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	LY 272015 hydrochloride is an orally active and selective 5-HT _{2B} receptor antagonist that displays antihypertensive effects in DOCA-salt hypertensive rats. LY 272015 hydrochloride inhibits 5-HT- or BW723C86-induced ERK2 phosphorylation and attenuates MVIC and Tissue downstream cellular effects of 5HT signaling and can be used to study hepatocellular carcinoma.
Targets(IC50)	5-HT Receptor

Solubility Information

Solubility	DMSO: 2 mg/mL (5.36 mM), Sonication is recommended. Ethanol: < 1 mg/mL (insoluble.), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6818 mL	13.4088 mL	26.8176 mL
5 mM	0.5364 mL	2.6818 mL	5.3635 mL
10 mM	0.2682 mL	1.3409 mL	2.6818 mL
50 mM	0.0536 mL	0.2682 mL	0.5364 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

Russell A, et al. 5-Hydroxytryptamine(2B) receptor function is enhanced in the N(omega)-nitro-L-arginine hypertensive rat. J Pharmacol Exp Ther. 2002 Oct;303(1):179-87.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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