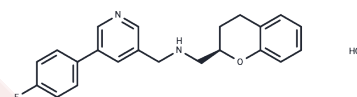


Sarizotan HCl

Chemical Properties

CAS No. : 195068-07-6
 Formula: C₂₂H₂₂ClFN₂O
 Molecular Weight: 384.87
 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	Sarizotan HCl (EMD 128130 HCl) is an hERG channel inhibitor and 5-hydroxytryptamine 5-HT _{1A} receptor agonist with potential antidepressant effects for the study of Parkinson's Dyskinesia.
Targets(IC ₅₀)	5-HT Receptor, Dopamine Receptor, Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5983 mL	12.9914 mL	25.9828 mL
5 mM	0.5197 mL	2.5983 mL	5.1966 mL
10 mM	0.2598 mL	1.2991 mL	2.5983 mL
50 mM	0.052 mL	0.2598 mL	0.5197 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

- Cheng H, et al. Potent hERG channel inhibition by sarizotan, an investigative treatment for Rett Syndrome. J Mol Cell Cardiol. 2019 Oct;135:22-30.
 Zhang X, et al. Antidepressant-like properties of sarizotan in experimental Parkinsonism. Psychopharmacology (Berl). 2011 Dec;218(4):621-34.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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