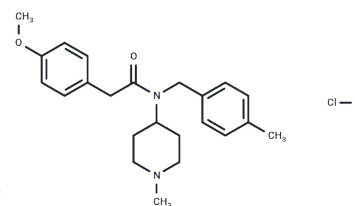


AC-90179 HCl

Chemical Properties

CAS No. :	359878-19-6
Formula:	C ₂₃ H ₃₁ ClN ₂ O ₂
Molecular Weight:	402.96
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	AC-90179 HCl (AC-90179 hydrochloride) is a selective inverse agonist of 5-HT _{2A} receptor. AC-90179 HCl is an atypical antipsychotic pharmaceutical and has been shown to alleviate hallucinogen-induced vasoconstriction.
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 55 mg/ml (136.49 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4816 mL	12.4082 mL	24.8164 mL
5 mM	0.4963 mL	2.4816 mL	4.9633 mL
10 mM	0.2482 mL	1.2408 mL	2.4816 mL
50 mM	0.0496 mL	0.2482 mL	0.4963 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.

Reference

Vanover KE, Harvey SC, Son T, Bradley SR, Kold H, Makhay M, Veinbergs I, Spalding TA, Weiner DM, Andersson CM, Tolf BR, Brann MR, Hacksell U, Davis RE. Pharmacological characterization of AC-90179 [2-(4-methoxyphenyl)-N-

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