
SCH-23390 hydrochloride

产品编号: D61237

CAS: 125941-87-9

分子式: C₁₇H₁₈ClNOHCl

纯度: 99%

InChi Key: InChIKey=OYCAEWMSOPMASE-XFULWGLBSA-N

Smiles: OC1=C(Cl)C=C2CCN(C)C[C@H](C3=CC=CC=C3)C2=C1.[H]Cl

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: 5-HT Receptor; Dopamine Receptor; Potassium Channel

溶解性: DMSO: ≥ 32 mg/mL (98.69 mM) H₂O: 28.57 mg/mL (88.11 mM; Need ultrasonic)

保存条件: 2-8°C

产品介绍: SCH-23390 hydrochloride (R-(+)-SCH-23390 hydrochloride) is a potent and selective dopamine D₁-like receptor antagonist with K_is of 0.2 nM and 0.3 nM for the D₁ and D₅ receptor, respectively. SCH-23390 hydrochloride is a potent and high efficacy human 5-HT_{2C} receptor agonist with a K_i of 9.3 nM. SCH-23390 hydrochloride also binds with high affinity to the 5-HT₂ and 5-HT_{1C} receptors. SCH-23390 hydrochloride inhibits G protein-coupled inwardly rectifying potassium (GIRK) channels with an IC₅₀ of 268 nM.