
ATC 0175 hydrochloride

产品编号: D58364

CAS: 510733-97-8

分子式: C₂₃H₂₆ClF₂N₅O

纯度: 99.84%

InChi Key: InChiKey=HUUPKFUYSQNNLO-FAESNJTISA-N

Smiles: N(C)(C)C=1C2=C(N=C(N[C@H]3CC[C@@H](NC(=O)C4=CC(F)=C(F)C=C4)CC3)N1)C=CC=C2.Cl

外观: 固体粉末

作用通路: Endocrinology/Hormones;GPCR/G Protein;Neuroscience

作用靶点: GPR;Melanin-concentrating Hormone Receptor (MCHR);5-HT Receptor

溶解性: DMSO: 9.0 mg/mL (19.4 mM); Ethanol: 22.5 mg/mL (48.7 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: ATC 0175 hydrochloride is an orally active melanocyte concentrating hormone 1 receptor antagonist that is potent and selective. ATC 0175 hydrochloride has affinity for MCH1R, MCH2R, MCH1, 5-HT2B receptors and 5-HT1A receptors with IC₅₀s of 13.5 nM, >10,000 nM, 13 nM, 9.66 nM and 16.9 nM, respectively. ATC 0175 hydrochloride exhibits antidepressant and anxiolytic effects in animal models. ATC 0175 can be used to study depression and/or anxiety disorders.