
Brilaroxazine

产品编号: D62569

CAS: 1239729-06-6

分子式: C₂₂H₂₅Cl₂N₃O₃

纯度: 98%

InChi Key: InChIKey=PMKMNTBZJOXTJW-UHFFFAOYSA-N

Smiles: O=C1Nc(cc(cc2)OCCCCN(CC3)CCN3c3cccc(Cl)c3Cl)c2OC1

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: 5-HT Receptor; Dopamine Receptor

溶解性: Soluble in DMSO

保存条件: 2-8°C

产品介绍: Brilaroxazine (RP5603) is a potent and orally active multimodal dopamine (DA)/serotonin (5-HT) modulator. Brilaroxazine is a partial agonist of dopamine (DA) D₂, D₃, and D₄ receptors, 5-HT_{1A} (K_i=1.5 nM) and 5-HT_{2A} (K_i=2.5 nM), and has antagonist activity at 5-HT_{2B} (K_i=0.19 nM), and 5-HT₇ (K_i=2.7 nM) receptors. Brilaroxazine is an atypical antipsychotic agent, and has the potential to improve cognitive impairments in neuropsychiatric and neurological diseases in vivo