
SB 242084

产品编号: D61419

CAS: 181632-25-7

分子式: C₂₁H₁₉ClN₄O₂·HCl

纯度: 99%

InChi Key: InChIKey=GIUZEIJUFOPTMR-UHFFFAOYSA-N

Smiles: Cc1cc2CCN(C(=O)Nc3ccc(Oc4ccnc4C)nc3)c2cc1Cl

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: 5-HT Receptor

溶解性: DMSO: ≥ 44 mg/mL (111.43 mM)

保存条件: 2-8°C

产品介绍: SB 242084 is a selective, competitive and high-affinity (pK_i=9.0) 5-HT_{2C} receptor antagonist (crosses the blood-brain barrier). SB 242084 increases basal activity of dopaminergic neurons in the ventral tegmental area (VTA) of the midbrain and dopamine release in the vomeronasal nucleus. SB 242084 also increases mitochondrial gene expression and oxidative metabolism via 5-HT_{2A} receptor. SB 242084 has good research potential in the negative symptoms of anxiety, depression and schizophrenia, as well as in acute organ damage