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## SB 271046 hydrochloride

产品编号: D56614

CAS: 209481-24-3

分子式: C<sub>20</sub>H<sub>22</sub>ClN<sub>3</sub>O<sub>3</sub>S<sub>2</sub>·HCl

纯度: 99.57%

InChi Key: InChIKey=RMXZRJYGJMSDQK-UHFFFAOYSA-N

Smiles: CC1=C(SC2=C1C=C(C=C2)Cl)S(=O)(=O)NC3=CC(=C(C=C3)OC)N4CCNCC4.Cl

外观: 固体粉末

作用通路: GPCR/G Protein; Neuroscience

作用靶点: 5-HT Receptor

溶解性: DMSO:48.84 mg/mL

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

产品介绍: SB 271046 hydrochloride is selective, orally active 5-HT<sub>6</sub> antagonist (pK<sub>i</sub> values are 9.02-8.92, 6.35, 6.55, 6.27 at 5-HT<sub>6</sub>, 5-HT<sub>1A</sub>, 5-HT<sub>1D</sub> and D<sub>3</sub>, and 6.05, 5.95, 5.76, 5.73, 5.62, 5.55, 5.41, 5.39, 5.27 and < 4.99 at 5-HT<sub>1B</sub>, 5-HT<sub>1F</sub>, α<sub>1B</sub>, 5-HT<sub>2C</sub>, 5-HT<sub>2A</sub>, D<sub>2</sub>, 5-HT<sub>2B</sub>, 5-HT<sub>7</sub>, 5-HT<sub>4</sub> and 5-HT<sub>1E</sub> respectively) and is > 200-fold selective over 55 other receptors, enzymes and ion channels. It increases extracellular aspartate and glutamate in the frontal cortex and exhibits anticonvulsant activity (EC<sub>50</sub>: 0.16 μM).