

Product Name : SB 258585 hydrochloride

Synonyms : SB258585

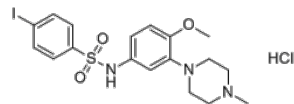
Cat No. : M10810

CAS Number : 1216468-02-8

Molecular Formula : C₁₈H₂₃ClIN₃O₃S

Formula Weight : 523.81

Chemical Name : 4-Iodo-N-[4-methoxy-3-(4-methyl-1-piperazinyl)phenyl]benzenesulfonamide hydrochloride



Description : SB-258585 is a potent, selective and orally active 5-HT₆ receptor antagonist with K_i of 8.9 nM, >160-fold selectivity over other 5-HT receptor subtypes; also is an inhibitor of HCV entry in liver-derived cell lines as well as primary hepatocytes, modulates localization of the coreceptor tight junction protein claudin-1 (CLDN1) in a 5-HT₆-independent manner, induces intracellular accumulation of CLDN1.

Pathway : Endocrinology/Hormones

Target : 5-HT Receptor

Receptor : 5-HT Receptor

Solubility : —

SMILES : CN1CCN(CC1)C2=C(C=CC(=C2)NS(=O)(=O)C3=CC=C(C=C3)I)OC.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Hirst WD, et al. Br J Pharmacol. 2000 Aug;130(7):1597-605. | 2. Riva L, et al. J Virol. 2018 Apr 27;92(10). pii: e01982-17.