

Product Name : SB-357134

Synonyms : SB 357134;SB357134

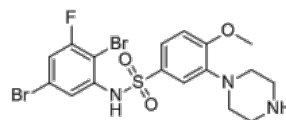
Cat No. : M13506

CAS Number : 219963-52-7

Molecular Formula : C₁₇H₁₈Br₂FN₃O₃S

Formula Weight : 523.22

Chemical Name : N-(2,5-dibromo-3-fluorophenyl)-4-methoxy-3-(piperazin-1-yl)benzene-1-sulfonamide



Description : A potent, selective, orally active and CNS penetrant 5-HT₆ receptor antagonist with pK_i of 8.5, displays 1300-fold selectivity over other 13 5-HT receptor subtypes; inhibits 5-HT-stimulated cAMP accumulation in with pA₂ of 7.63, enhances memory and learning following chronic administration in mice.

Pathway : Endocrinology/Hormones

Target : 5-HT Receptor

Receptor : 5-HT Receptor

Solubility : —

SMILES : O=S(C1=CC=C(OC)C(N2CCNCC2)=C1)(NC3=CC(Br)=CC(F)=C3Br)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Bromidge SM, et al. Bioorg Med Chem Lett. 2001 Jan 8;11(1):55-8. 2. Stean TO, et al. Pharmacol Biochem Behav. 2002 Apr;71(4):645-54. 3. Marcos B, et al. Eur J Neurosci. 2006 Sep;24(5):1299-306. 4. Rogers DC, et al. Psychopharmacology (Berl). 2001 Nov;158(2):114-9.