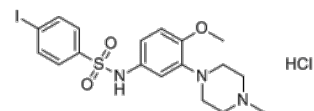


Product Name : SB 258585 hydrochloride
Cat. No. : PC-63486
CAS No. : 1216468-02-8
Molecular Formula : C₁₈H₂₃ClIN₃O₃S
Molecular Weight : 523.814
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

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.

SB-258585 also is an inhibitor of HCV entry in liver-derived cell lines as well as primary hepatocytes.

SB-258585 modulates localization of the coreceptor tight junction protein claudin-1 (CLDN1) in a 5-HT₆-independent manner, induces intracellular accumulation of CLDN1.

References

Hirst WD, et al. *Br J Pharmacol.* 2000 Aug;130(7):1597-605.

Riva L, et al. *J Virol.* 2018 Apr 27;92(10). pii: e01982-17.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com