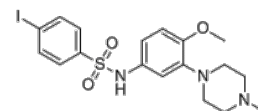


Product Name : SB-258585
Cat. No. : PC-63485
CAS No. : 209480-63-7
Molecular Formula : C₁₈H₂₂IN₃O₃S
Molecular Weight : 487.356
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



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!

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