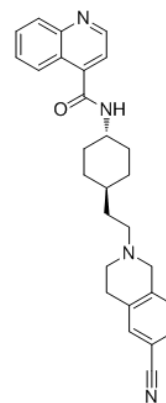


Product Name : SB-277011
Cat. No. : PC-42716
CAS No. : 215803-78-4
Molecular Formula : C₂₈H₃₀N₄O
Molecular Weight : 438.564
Target : Dopamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

A potent and selective dopamine D₃ receptor antagonist with pK_i of 8.0; displays >100-fold selectivity against the D₂, 5-HT_{1B}, and 5-HT_{1D} receptors; exhibits high oral bioavailability and brain penetration in rats.
Schizophrenia
Discontinued

References

- Stemp G, et al. J Med Chem. 2000 May 4;43(9):1878-85.
Reavill C, et al. J Pharmacol Exp Ther. 2000 Sep;294(3):1154-65.
Ashby CR Jr, et al. J Pharmacol Exp Ther. 2000 Sep;294(3):1166-74.

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

E-mail: tech@probechem.com