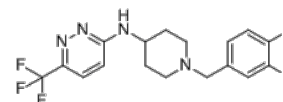


Product Name : JNJ-37822681
Cat. No. : PC-61553
CAS No. : 935776-74-2
Molecular Formula : C₁₇H₁₇F₅N₄
Molecular Weight : 372.34
Target : Dopamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

JNJ-37822681 is a potent, specific and fast-dissociating **dopamine D2** antagonist with K_i of 158 nM. JNJ-37822681 shows no significant affinity for α₁, α₂, H₁, muscarinic, and 5-HT_{2C} receptors, D₁, D₃, and 5-HT_{2A}. JNJ-37822681 exhibits potential therapeutic value for the treatment of schizophrenia and bipolar disorder with optimal brain disposition.

References

Langlois X, et al. J Pharmacol Exp Ther. 2012 Jul;342(1):91-105.
Schmidt ME, et al. Psychopharmacology (Berl). 2012 Dec;224(4):549-57.
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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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