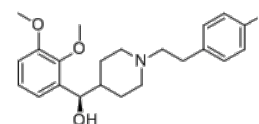


Product Name : MDL100907
Cat. No. : PC-60814
CAS No. : 139290-65-6
Molecular Formula : C₂₂H₂₈FNO₃
Molecular Weight : 373.46
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

MDL100907 (Volinanserin) is a potent, selective **5-HT_{2A}** receptor antagonist with K_i of 0.36 nM, > 80-fold selectivity for 5-HT_{2A} over other serotonergic receptors.

MDL100907 demonstrates a clozapine-like profile of potential antipsychotic activity with low extrapyramidal side-effect liability, and has a superior CNS safety index.

References

Ardayio PA, et al. *J Pharmacol Exp Ther.* 2008 Dec;327(3):891-7.

Sorensen SM, et al. *J Pharmacol Exp Ther.* 1993 Aug;266(2):684-91.

Kehne JH, et al. *J Pharmacol Exp Ther.* 1996 May;277(2):968-81.

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

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