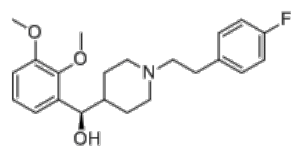


Product Name	: MDL 100907		
Synonyms	: MDL-100907;MDL100907;Volinanserin		
Cat No.	: M11635		
CAS Number	: 139290-65-6		
Molecular Formula	: C22H28FNO3		
Formula Weight	: 373.46		
Chemical Name	: (R)-(+)-α-(2,3-Dimethoxyphenyl)-1-[2-(4-fluorophenyl)ethyl]-4-piperinemethanol		
Description	A potent, selective 5-HT2A receptor antagonist with Ki of 0.36 nM, > 80-fold selectivity for 5-HT2A over other serotonergic receptors; demonstrates a clozapine-like profile of potential antipsychotic activity with low extrapyramidal side-effect liability, and has a superior CNS safety index.Sleep Disorder Phase 3 Discontinued		
Pathway	: Endocrinology/Hormones		
Target	: 5-HT Receptor		
Receptor	: 5-HT Receptor		
Solubility	: DMSO: 100 mg/mL (267.8 mM); Ethanol: 18 mg/mL (48.2 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)		
SMILES	: <chem>O[C@H](C1=CC=CC(OC)=C1OC)C2CCN(CCC3=CC=C(F)C=C3)CC2</chem>		
Storage	: (-20℃)		
Stability	: ≥ 2 years		
Reference	:		

1. Ardayfio PA, et al. J Pharmacol Exp Ther. 2008 Dec;327(3):891-7. | 2. Sorensen SM, et al. J Pharmacol Exp Ther. 1993 Aug;266(2):684-91. | 3. Kehne JH, et al. J Pharmacol Exp Ther. 1996 May;277(2):968-81.