

Product Name	: Sertindole
Synonyms	: Lu 23-174
Cat No.	: M20510
CAS Number	: 106516-24-9
Molecular Formula	: C ₂₄ H ₂₆ ClFN ₄ O
Formula Weight	: 440.94
Chemical Name	: 1-[2-[4-[5-chloro-1-(4-fluorophenyl)indol-3-yl]piperidin-1-yl]ethyl]imidazolidin-2-one
Description	: Sertindole is an atypical antipsychotic that binds to dopamine D2 receptors and the serotonin (5-HT) receptor subtypes 5-HT _{1D} 5-HT _{2A} and 5-HT _{2C} (K _d s = 2.7 20 0.14 and 6 nM respectively)
Pathway	: GPCR/G Protein
Target	: Dopamine Receptor
Receptor	: D ₂ ;5-HT
Solubility	: DMSO:50 mg/mL (113.39 mM)
SMILES	: <chem>Fc1ccc(cc1)n1cc(C2CCN(CCN3CCNC3=O)CC2)c2cc(Cl)ccc12</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.MRk A Witten L M Arnt J . Effect of sertindole on extracellular dopamine acetylcholine and glutamate in the medial prefrontal cortex of conscious rats: a comparison with risperidone and exploration of mechanisms involved[J]. Psychopharmacology 2009 206(1):39-49.