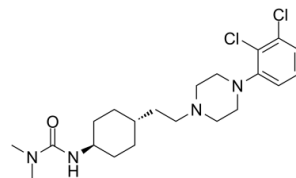


Product Name	: Cariprazine
Synonyms	: RGH-188
Cat No.	: M19163
CAS Number	: 839712-12-8
Molecular Formula	: C ₂₁ H ₃₂ Cl ₂ N ₄ O
Formula Weight	: 427.41
Chemical Name	: —
Description	: Cariprazine is a novel antipsychotic drug candidate that exhibits high affinity for the D ₃ (K _i =0.085 nM) and D ₂ (K _i =0.49 nM) receptors, and moderate affinity for the 5-HT _{1A} receptor (K _i =2.6 nM).
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: Akt
Receptor	: D ₃ ;D ₂ ;5-HT _{1A}
Solubility	: —
SMILES	: <chem>CN(C)C(=O)N[C@H]1CC[C@H](CCN2CCN(CC2)c2ccc(Cl)c2Cl)CC1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Seneca N,et al.Occupancy of dopamine D and D and serotonin 5-HTA receptors by the novel antipsychotic drug candidate, cariprazine (RGH-188), in monkey brain measured using positron emission tomography. Psychopharmacology (Berl). 2011 Dec;218(3):579-87.