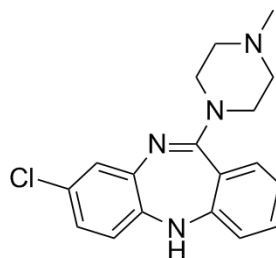


Product Name	: Clozapine
Synonyms	: HF 1854
Cat No.	: M15120
CAS Number	: 5786-21-0
Molecular Formula	: C ₁₈ H ₁₉ ClN ₄
Formula Weight	: 326.82
Chemical Name	: 5H-Dibenzo[b,e][1,4]diazepine, 8-chloro-11-(4-methyl-1-piperazinyl)-
Description	: An atypical antipsychotic agent that binds to 5-HT and dopamine receptor; is also potent at the α ₂ -adrenoceptor with K _i of 51 nM; mainly used for schizophrenia. Schizophrenia Approved
Pathway	: GPCR/G Protein
Target	: Dopamine Receptor
Receptor	: D ₂ ; M ₁ mAChR; α ₂ -adrenoceptor
Solubility	: 10 mM in DMSO
SMILES	: CN1CCN(CC1)C2=C3C=CC=CC3=NC4=C(N2)C=C(C=C4)Cl
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Seeman P, et al. ACS Chem Neurosci. 2014 Jan 15;5(1):24-9. | 2. Zhukovskaya NL, et al. Neurosci Lett. 2000 Jul 21;288(3):236-40. | 3. Moreno JL, et al. Psychopharmacology (Berl). 2013 Jan;225(1):217-26.