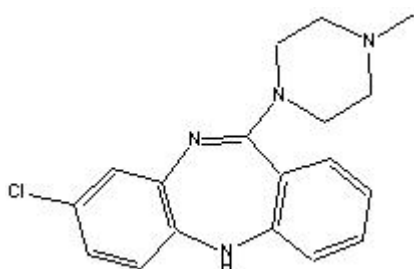


TECHNICAL INFORMATION

Catalog Number: 159760

Clozapine

Structure:

**Molecular Formula:** C₁₈H₁₉ClN₄**Molecular Weight:** 326.8**CAS #** 5786-21-0**Physical Appearance:** yellow solid**Description:** Dopamine D₄ and D₂ receptor antagonist. High affinity for the cloned rat dopamine D₄ receptor (K_i < 20 nM).¹ Atypical neuroleptic agent.² An antipsychotic agent; serotonergic antagonist.**Solubility:** Soluble in 0.1M HCl (25 mg/ml) or DMSO (100 mM). Solutions should be aliquoted and stored at -20°C for up to 3 months.

References:

- B.L. Roth, et. al., *Neuropsychopharmacol.*, **v.120**, 365 (1995).
- H.Y. Meltzer, *Clin. Neurosci.*, **v.3**, 64 (1995).