Clozapine

Dopamine receptor and serotonin receptor antagonist

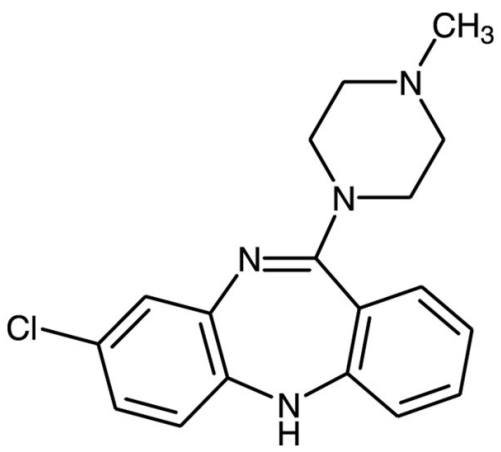
Dopamine D_4 and D_2 receptor antagonist. High affinity for the cloned rat dopamine D4 receptor (K_i<20nM). Atypical neuroleptic agent. Antagonist at $5HT_{2A}$, $5HT_{2C}$, $5HT_3$, $5HT_6$ and $5HT_7$ receptors.

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BML-D107-0500	500mg

Manuals, SDS & CofA View Online »


CH3
N
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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-Chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e]-[1,4]diazepine
Appearance	Yellow crystalline powder.
CAS	5786-21-0
Couple Target	Dopamine receptor, Serotonin receptor
Couple Type	Ligand
Formula	$C_{18}H_{19}ClN_4$
Identity	Determined by IR.
MI	**14:** 2423
MW	326.8
Purity	≥99% (HPLC)
RTECS	HP1750000
Solubility	Soluble in DMSO (30mg/ml) or dilute aqueous acid.

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