



CERTIFICATE of ANALYSIS

PRODUCT:	Clozapine [8-Chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e]-[1,4]diazepine] C ₁₈ H ₁₉ ClN ₄ , M.W. 326.8, CAS # [5786-21-0]
PRODUCT NUMBER:	C-1045
LOT NUMBER:	B1363
APPEARANCE:	Yellow solid.
SOLUBILITY:	Soluble in DMSO (30mg/ml) or aqueous acid.
PURITY:	≥99.0 % (TLC)
DESCRIPTION:	Dopamine D ₄ and D ₂ receptor antagonist. High affinity for the cloned rat dopamine D ₄ receptor (K _i < 20nM). Atypical neuroleptic agent. Antagonist at 5HT _{2A} , 5HT _{2C} , 5HT ₃ , 5HT ₆ and 5HT ₇ receptors.
STORAGE:	Store at +4°C. WARNING: HARMFUL! CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved. Verified: DD