Certificate of Analysis



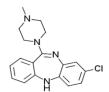
Product Identification Chemical Structure

HB1607 Catalog number Compound name Clozapine

Chemical name 8-Chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e][1,4]diazepine

Batch number E1254-1-1 C₁₈H₁₉N₄CI.0.1H₂O 326.83 Batch molecular formula

Batch molecular weight



Method	QC requirement	QC Result
HPLC NMR	Reverse Phase HPLC shows >98% purity 1H NMR in DMSO at 400 MHz consistent with structure	Meets specification: 99.4% Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 5% MeOH/DCM + 1% NEt3 shows one spot under uv	Meets specification: R _f =0.5
Physical appearance Solubility	Yellow to pale yellow solid Soluble in DMSO (100 mM) and in ethanol (50 mM)	Meets specification: Yellow solid Meets specification

Produced by Signature

Signature Passed by

Date

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.