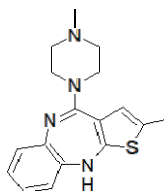


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1786	
Compound name	Olanzapine	
Chemical name	2-Methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine	
Batch number	E0752-1-1	
Batch molecular formula	C ₁₇ H ₂₀ N ₄ S.0.1H ₂ O	
Batch molecular weight	314.23	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
NMR	¹ H NMR in dmso at 400 MHz consistent with structure	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 20% MeOH/DCM shows one spot under uv	Meets specification: R _f =0.45
Physical appearance	Pale yellow to yellow solid	Meets specification: Yellow solid
Solubility	Soluble in DMSO (100 mM) and in 0.1M HCl (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

21-02-18

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