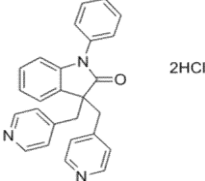


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1082	
Compound name	Linopirdine dihydrochloride	
Chemical name	1,3-Dihydro-1-phenyl-3,3-bis(4-pyridinylmethyl)-2H-indol-2-one dihydrochloride	
Batch number	E1635-1-1	
Batch molecular formula	$C_{26}H_{23}Cl_2N_3O \cdot 2.1 H_2O$	
Batch molecular weight	502.23	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
NMR	1H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis shows molecular ion	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	Brown solid	Meets specification: Brown solid
Solubility	Soluble in water (100 mM) and in DMSO (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

06-08-21

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