

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1923	
Compound name	Ropinirole	
Chemical name	4-[2-(Dipropylamino)ethyl]-1,3-dihydro-2H-indol-2-one hydrochloride	
Batch number	E1954-1-1	
Batch molecular formula	C ₁₆ H ₂₄ N ₂ O.HCl	
Batch molecular weight	296.84	
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 shows molecular ion	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	Off-white to cream solid	Meets specification: Off-white solid
Solubility	Soluble in water (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

09-05-22

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