

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1671	
Compound name	CP-94253 dihydrochloride	
Chemical name	5-Propoxy-3-(1,2,3,6-tetrahydro-4-pyridinyl)-1H-pyrrolo[3,2-b]pyridine dihydrochloride	
Batch number	E1889-11-1	
Batch molecular formula	C ₁₅ H ₁₉ N ₃ O.2HCl.H ₂ O	
Batch molecular weight	348.27	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
NMR	¹ H NMR in D ₂ O 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
TLC	TLC analysis in 10% NH ₃ /MeOH shows one spot under ninhydrin	Meets specification: R _f =0.2
Physical appearance	Off-white to pale yellow solid	Meets specification: Pale yellow solid
Solubility	Soluble in water (15mM) and DMSO (100mM)	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.