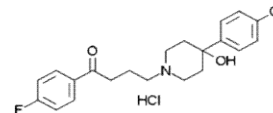


Certificate of Analysis



Product Identification	Chemical Structure
Catalog number Compound name Chemical name	HB1842 Haloperidol hydrochloride 4-[4-(4-Chlorophenyl)-4-hydroxy-1-piperidinyl]-1-(4-fluorophenyl)-1-butanone hydrochloride
Batch number Batch molecular formula Batch molecular weight	E2205-1-1 C ₂₁ H ₂₃ NCIFO ₂ .HCl 412.33



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: 100% 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 10% MeOH/DCM shows one spot under uv	Meets specification: R _f =0.8
Physical appearance Solubility	White to off-white solid Soluble in DMSO (25 mM) and in ethanol (10 mM)	Meets specification: White solid Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

13/06/2023

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