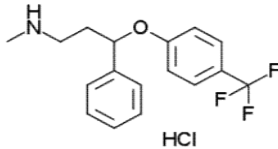


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1600	 HCl
Compound name	Fluoxetine hydrochloride	
Chemical name	N-Methyl-3-[(4-trifluoromethyl)phenoxy]-3-phenylpropylamine hydrochloride	
Batch number	E0142-1-1	
Batch molecular formula	C ₁₇ H ₁₈ F ₃ NO.HCl	
Batch molecular weight	345.79	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.7%
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 10% MeOH/DCM shows one spot under uv	Meets specification: R _f =0.5
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM) and in water (10 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

23-07-18

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