

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1780	
Compound name	MDL 100907	
Chemical name	(R)-(+)-α-(2,3-Dimethoxyphenyl)-1-[2-(4-fluorophenyl)ethyl]-4-piperinemethanol	
Batch number	E0813-1-1	
Batch molecular formula	C ₂₂ H ₂₈ NFO ₃	
Batch molecular weight	373.47	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.3%
NMR	¹ H NMR in DMSO at 400 MHz 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 =0.2
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM) and in 0.05M HCl (50 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

05-06-18

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