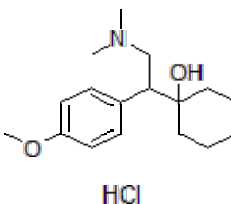


Certificate of Analysis



Product Identification

Catalog number	HB1743
Compound name	Venlafaxine hydrochloride
Chemical name	1-[2-(Dimethylamino)-1-(4-methoxyphenyl)ethyl]cyclohexanol hydrochloride
Batch number	E0526-1-1
Batch molecular formula	C ₁₇ H ₂₇ NO ₂ ·HCl
Batch molecular weight	313.87



Chemical Structure

Method

QC requirement

QC Result

NMR	400MHz ¹ H spectrum in D ₂ O confirms structure and shows <1% of any other impurity	Meets specification
Microanalysis	Elemental analysis is within 0.4 of expected result for each element tested	Meets specification: analysis fits for batch molecular formula
TLC	Analysis using a solvent ratio of 2:3 PAW/BuOH shows a single spot (visualised by UV)	Meets specification: R _f =0.62
Physical appearance	White to off-White solid	Meets specification: White Solid
Solubility	Soluble in water to 100 mM and in DMSO to 50 mM	Meets specification

Biological validation

Produced by Huw Davies

Signature

Passed by Steve Roome

Signature

Date

13-09-16

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