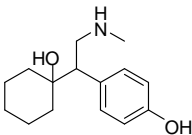




Certificate of Analysis

Axon Catalogue ID:	1725	Batch Number:	1																								
Product Name:	WY 46689																										
Alternative Name(s):	N,O-Didesmethyl Venlafaxine																										
IUPAC Name:	4-(1-(1-hydroxycyclohexyl)-2-(methylamino)ethyl)phenol																										
Structure:		Amount:																									
CAS number:	135308-74-6																										
Batch Molecular Formula:	C ₁₅ H ₂₃ NO ₂	Batch MW:	249.35																								
Appearance:	White Solid	Observed m.p.:	150.1-151.2°C																								
TLC (R_f):	0.5 9:1 DCM/Methanol																										
Chemical Purity:	100.0%	Wavelength for purity check:	224 nm																								
Optical Purity (ee):																											
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Not available																										
Storage Conditions:	Desiccate at	<4°C																									
Solubility Data:	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td></td><td></td><td></td></tr><tr><td>1eq. NaOH</td><td></td><td></td><td></td></tr><tr><td>1eq. HCl</td><td></td><td></td><td></td></tr><tr><td>DMSO</td><td>53.30</td><td>213.76</td><td></td></tr><tr><td>EtOH</td><td></td><td></td><td></td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water				1eq. NaOH				1eq. HCl				DMSO	53.30	213.76		EtOH					
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Quality controller:	M. Brandsma, MSc.	Date:	23-9-2011																								

The purity of Axon products is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only