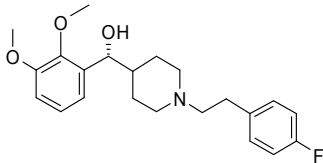




Certificate of Analysis

Axon Catalogue ID	1104	Batch Number:	7																								
Product Name:	MDL-100,907																										
IUPAC Name:	(R)-(+)- α -(2,3-Dimethoxyphenyl)-1-[2-(4-fluorophenyl)ethyl]-4-piperidinemethanol																										
Structure:		Amount:																									
CAS number:	139290-65-6	Batch MW:	373.47																								
Batch Molecular Formula:	C ₂₂ H ₂₈ FNO ₃	Observed m.p.:	97,8 - 98 °C																								
Appearance:	Off-white solid	Wavelength for purity check:	203 nm																								
TLC (R_f):	0,5 9:1 DCM/MeOH	Ion:	374 m/z																								
Chemical Purity:	>99%	Method:	ESI:M+1																								
Optical Purity (ee):	>99%	Solvent:	CDCl ₃																								
¹H-NMR (300 MHz):	Analytical data confirm chemical structure	Microanalysis:	Not available																								
Mass Spec:	Analytical data confirm chemical structure	Storage Conditions:	Store 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>Not tested</td></tr><tr><td>1eq. NaOH</td><td></td><td></td><td>Not tested</td></tr><tr><td>1eq. HCl</td><td></td><td></td><td>Not tested</td></tr><tr><td>DMSO</td><td>15.00</td><td>40.16</td><td>Soluble</td></tr><tr><td>EtOH</td><td>12.00</td><td>32.13</td><td>Soluble</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water			Not tested	1eq. NaOH			Not tested	1eq. HCl			Not tested	DMSO	15.00	40.16	Soluble	EtOH	12.00	32.13	Soluble	Remarks:	
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Quality controller:	M. Brandsma, MSc.	Date:	8-2-2010																								

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