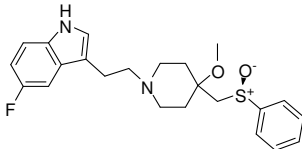




Certificate of Analysis

Axon Catalogue ID:	1119	Batch Number:	2																								
Product Name:	GR 159897																										
Alternative Name(s):	N.A.																										
IUPAC Name:	(R)-5-fluoro-2-(2-(4-methoxy-4-(phenylsulfinylmethyl)piperidin-1-yl)ethyl)-1H-indole																										
Structure:		Amount:																									
CAS number:	158848-32-9	MW:	414.54																								
Batch Molecular Formula:	C ₂₃ H ₂₇ FN ₂ O ₂ S.1.5H ₂ O	Batch MW:	441.56																								
Appearance:	Off-white solid	Observed mp:	71 - 73 °C																								
TLC (R_f):	0.2 DCM:MeOH (9:1)																										
Chemical Purity:	99.4%																										
Optical Purity (ee):	>98%																										
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	C, H, and N fit within 0,4% of theoretical calculation																										
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>0.1N NaOH (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>31.0</td><td>70.2</td><td>Soluble</td></tr><tr><td>EtOH</td><td></td><td></td><td>Not Tested</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water			Not Tested	0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)			Not Tested	DMSO	31.0	70.2	Soluble	EtOH			Not Tested		
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Remarks:																											
QC Date:	21-06-2013																										

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