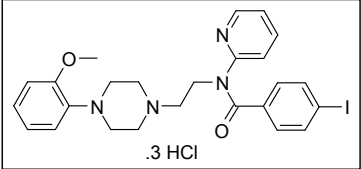




Certificate of Analysis

Axon Catalogue ID	1091	Batch Number:	1																								
Product Name:	p-MPPI																										
IUPAC Name:	4-Iodo-N-{2-[4-(2-methoxy-phenyl)-piperazin-1-yl]-ethyl}-N-pyridin-2-yl-benzamide trihydrochloride																										
Structure:		Amount:																									
CAS number:	155204-23-2 (FB), 220643-77-6 (HCl)																										
Batch Molecular Formula:	C ₂₅ H ₂₇ N ₄ O ₂ · 3 HCl	Batch MW:	615.80																								
Appearance:	White Powder	Observed m.p.:	136,5-138,3 °C																								
TLC (R_f):	0.8 9:1 DCM/MeOH																										
Chemical Purity:	99%	Wavelength for purity check:	220 nm																								
Optical Purity (ee):																											
¹H-NMR (300 MHz):	Analytical data confirm chemical structure	Solvent:	D ₂ O																								
Mass Spec:	Analytical data confirm chemical structure	Ion:	543 m/z																								
		Method:	APCI:M+1																								
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>11.50</td><td>18.67</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></td><td></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	11.50	18.67		1eq. NaOH				1eq. HCl				DMSO				EtOH					
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Remarks:																											
Quality controller:	J. Keldenich, PhD.	Date:	12-3-2008																								

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