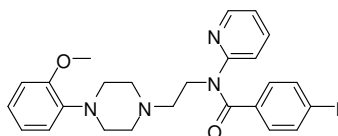




Certificate of Analysis

Axon Catalogue ID: 1091 **Batch Number:** 2
Product Name: p-MPPI
Alternative Name(s): N.A.
IUPAC Name: 4-Iodo-N-(2-(4-(2-methoxyphenyl)piperazin-1-yl)ethyl)-N-(pyridin-2-yl)benzamide

Structure:



Amount:

CAS number(s): 155204-23-2
Molecular Formula: C₂₅H₂₇N₄O₂ **Molecular Weight:** 542.41
Batch Molecular Formula: C₂₅H₂₇N₄O₂ **Batch Molecular Weight:** 542.41
Appearance: White solid **Observed mp:** 56 °C
TLC (R_f): 0.76 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.36, H 5.02, N 10.33; Found: C 54.98, H 4.48, N 10.13
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	54.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 12-06-2017

The purity of Axon Ligands 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 Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only