

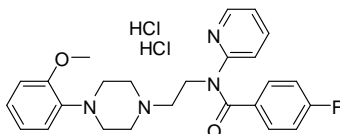


Certificate of Analysis

Axon Catalogue ID 1090 **Batch Number:** 3
Product Name: p-MPPF dihydrochloride
IUPAC Name: 4-Fluoro-N-(2-[4-(2-methoxy-phenyl)-piperazin-1-yl]-ethyl)-N-pyridin-2-yl-benzamide dihydrochloride

Structure:

Amount:



CAS number: 223699-41-0 155204-26-5 (parent)
Batch Molecular Formula: C₂₅H₂₇FN₄O₂·2HCl **Batch MW:** 507.43
Appearance: Beige Solid **Observed m.p.:** 102-104 °C
TLC (R_f): 0.5 9 DCM/MeOH
Chemical Purity: 99% **Wavelength for purity check:** 220 nm
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure **Solvent:** D₂O
Mass Spec: Analytical data confirm chemical structure **Ion:** 436 m/z **Method:** APCI:M+1
Microanalysis: Not available
Storage Conditions: Desiccate at +4°C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|------------------|-----------|--------------------|-----------------|----------------|
| | Water | 25 | 49 | Slight warming |
| | 1eq. NaOH | | | Not tested |
| | 1eq. HCl | | | Not tested |
| | DMSO | | | Soluble |
| | EtOH | | | Not tested |

Remarks:

Quality controller: M.Brandsma, MSc. **Date:** 4/2/2009

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