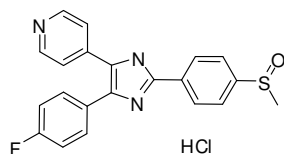




Certificate of Analysis

Axon Catalogue ID: 1465 **Batch Number:** 1
Product Name: SB 203580 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 4-[5-(4-Fluoro-phenyl)-2-(4-methanesulfinyl-phenyl)-3H-imidazol-4-yl]-pyridine hydrochloride

Structure:



Amount:

CAS number: 869185-85-3 **MW:** 413.90
Batch Molecular Formula: C₂₁H₁₆FN₃OS . HCl **Batch MW:** 413.90
Appearance: Yellow solid **Observed mp:** >260 °C
TLC (R_f): 0.2 DCM/MeOH (9:1)
Chemical Purity: 98.5%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Not available

Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	13.3	32.1	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 05-08-2009

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