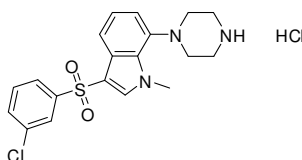




Certificate of Analysis

Axon Catalogue ID: 1575 **Batch Number:** 1
Product Name: 5-HT6 antagonist 29
Alternative Name(s): Axon 1575
IUPAC Name: 3-(3-chlorophenylsulfonyl)-1-methyl-7-(piperazin-1-yl)-1H-indole hydrochloride

Structure:



Amount:

CAS number: 497963-70-9
Batch Molecular Formula: C₁₉H₂₀ClN₃O₂S.HCl **Batch MW:** 426.36
Appearance: Brown solid **Observed mp:** 294 °C (decomp.)
TLC (R_f): 0.15 DCM/MeOH (1:1)
Chemical Purity: 99.0%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.52 , H 4.96 , N 9.86 Found: C ND , H ND , N ND
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water			Not Tested
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	20.0	46.9	
EtOH			Not Tested

Remarks: CAS no. Parent compound [478082-77-8]

QC Date: 05-10-2010

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