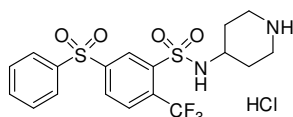




Certificate of Analysis

Axon Catalogue ID: 2325 **Batch Number:** 1
Product Name: WAY 316606 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 5-(Phenylsulfonyl)-N-(piperidin-4-yl)-2-(trifluoromethyl)benzenesulfonamide hydrochloride

Structure:



Amount:

CAS number(s): 915759-45-4 (parent)
Molecular Formula: C₁₈H₁₉F₃N₂O₄S₂.HCl **Molecular Weight:** 484.94
Batch Molecular Formula: C₁₈H₁₉F₃N₂O₄S₂.HCl **Batch Molecular Weight:** 484.94
Appearance: White solid **Observed mp:** 295 °C (decomp)
TLC (R_f): 0.2 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 44.58, H 4.16, N 5.78; Found: C 44.83, H 4.02, N 5.90
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)			Not Tested
	DMSO	23.0	47.4	
	EtOH			Not Tested

Remarks:

QC Date: 24-03-2015

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