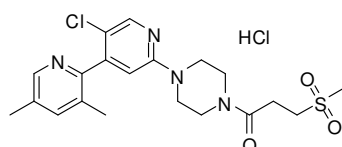




Certificate of Analysis

Axon Catalogue ID: 2027 **Batch Number:** 1
Product Name: PF 5274857 hydrochloride
Alternative Name(s): PF 05274857 hydrochloride
IUPAC Name: 1-(4-(5'-Chloro-3,5-dimethyl-2,4'-bipyridin-2'-yl)piperazin-1-yl)-3-(methylsulfonyl)propan-1-one hydrochloride

Structure:



Amount:

CAS number(s): 1373615-35-0 (parent)
Molecular Formula: C₂₀H₂₅ClN₄O₃S.HCl **Molecular Weight:** 473.42
Batch Molecular Formula: C₂₀H₂₅ClN₄O₃S.HCl.0.25H₂O **Batch Molecular Weight:** 477.92
Appearance: Yellow solid **Observed mp:** 191 - 192 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 50.26, H 5.59, N 11.72; Found: C 49.96, H 5.82, N 11.59
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	40.0	83.7	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	46.0	96.3	
	EtOH			Not Tested

Remarks:

QC Date: 29-11-2018

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