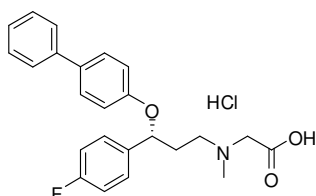


Certificate of Analysis

Axon Catalogue ID: 1238 **Batch Number:** 2
Product Name: ALX 5407 hydrochloride
Alternative Name(s): NFPS
IUPAC Name: 2-((3-(Biphenyl-4-yloxy)-3-(4-fluorophenyl)propyl)(methyl)amino)acetic acid hydrochloride

Structure:



Amount:

CAS number(s): 571147-18-7 (parent), 200006-08-2 (HCl (1:1))
Molecular Formula: C₂₄H₂₄FNO₃.HCl **Molecular Weight:** 429.91
Batch Molecular Formula: C₂₄H₂₄FNO₃.HCl.H₂O **Batch Molecular Weight:** 447.93
Appearance: Off-white solid **Observed mp:** 168 - 170 °C
TLC (R_f): 0.2 DCM/MeOH (4:1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.35, H 6.08, N 3.13; Found: C 64.37, H 5.67, N 3.22
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	29.0	64.7	
	EtOH			Not Tested

Remarks:

QC Date: 08-05-2019

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