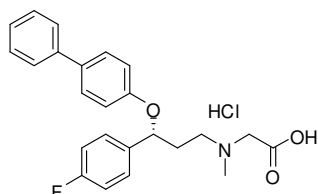




## Certificate of Analysis

**Axon Catalogue ID:** 1238 **Batch Number:** 1  
**Product Name:** ALX 5407 hydrochloride  
**Alternative Name(s):** NFPS  
**IUPAC Name:** (R)-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:** C<sub>24</sub>H<sub>24</sub>FNO<sub>3</sub>.HCl **Molecular Weight:** 429.91  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>24</sub>FNO<sub>3</sub>.HCl **Batch Molecular Weight:** 429.91  
**Appearance:** White solid **Observed mp:** 169 - 170 °C  
**TLC (R<sub>f</sub>):** 0.4 DCM/MeOH (9:1)  
**Chemical Purity:** 99.6%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 67.05, H 5.86, N 3.26; Found: C 67.10, H 5.88, N 3.25  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	43.0	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 20-09-2011

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**