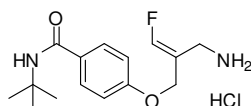




## Certificate of Analysis

**Axon Catalogue ID:** 2583 **Batch Number:** 2  
**Product Name:** PXS 4728A  
**Alternative Name(s):** PXS 4728 hydrochloride  
**IUPAC Name:** (E)-4-(2-(Aminomethyl)-3-fluoroallyloxy)-N-tert-butylbenzamide hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 1478364-40-7 (parent), 1478364-68-9 (HCl (1:1))  
**Molecular Formula:** C<sub>15</sub>H<sub>21</sub>FN<sub>2</sub>O<sub>2</sub>.HCl **Molecular Weight:** 316.80  
**Batch Molecular Formula:** C<sub>15</sub>H<sub>21</sub>FN<sub>2</sub>O<sub>2</sub>.HCl **Batch Molecular Weight:** 316.80  
**Appearance:** White solid **Observed mp:** 183.5 - 184.6 °C  
**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH (9:1)  
**Chemical Purity:** 99.8%  
**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 56.87, H 7.00, N 8.84; Found: C 56.54, H 6.74, N 8.72  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	31.7	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	31.7	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 06-02-2018

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

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