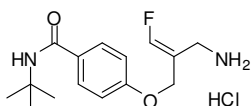




Certificate of Analysis

Axon Catalogue ID: 2583 **Batch Number:** 1
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: C₁₅H₂₁FN₂O₂.HCl **Molecular Weight:** 316.80
Batch Molecular Formula: C₁₅H₂₁FN₂O₂.HCl.0.25H₂O **Batch Molecular Weight:** 321.30
Appearance: White solid **Observed mp:** 177.3 - 179.3 °C
TLC (R_f): 0.27 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.07, H 7.06, N 8.72; Found: C 56.10, H 7.02, N 8.79
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water		12.0	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	32.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 15-06-2016

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