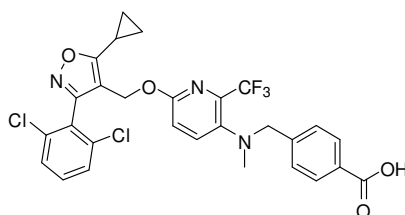




Certificate of Analysis

Axon Catalogue ID: 2152 **Batch Number:** 1
Product Name: PX 20350
Alternative Name(s): FXR agonist Cpd 22
IUPAC Name: 4-(((6-((5-Cyclopropyl-3-(2,6-dichlorophenyl)isoxazol-4-yl)methoxy)-2-(trifluoromethyl)pyridin-3-yl)(methyl)amino)methyl)benzoic acid

Structure:



Amount:

CAS number(s): 1198085-23-2
Molecular Formula: C₂₈H₂₂Cl₂F₃N₃O₄ **Molecular Weight:** 592.39
Batch Molecular Formula: C₂₈H₂₂Cl₂F₃N₃O₄ **Batch Molecular Weight:** 592.39
Appearance: White solid **Observed mp:** 154 °C
TLC (R_f): 0.55 DCM/MeOH (9:1)
Chemical Purity: 99.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.77, H 3.74, N 7.09; Found: C 56.78, H 3.42, N 6.93
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	59.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 04-02-2019

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