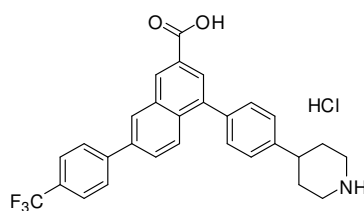




Certificate of Analysis

Axon Catalogue ID: 3420 **Batch Number:** 1
Product Name: PPTN hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 4-(4-(Piperidin-4-yl)phenyl)-7-(4-(trifluoromethyl)phenyl)-2-naphthoic acid hydrochloride

Structure:



Amount:

CAS number(s): 1160271-30-6 (parent), 1992047-65-0 (HCl (1:1))
Molecular Formula: C₂₉H₂₄F₃NO₂.HCl **Molecular Weight:** 511.96
Batch Molecular Formula: C₂₉H₂₄F₃NO₂.HCl.1.25H₂O **Batch Molecular Weight:** 534.48
Appearance: Off-white solid **Observed mp:** >219 °C (decomp)
TLC (R_f): 0.2 DCM/MeOH (1:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.17, H 5.19, N 2.62; Found: C 64.83, H 4.78, N 2.53
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	16.0	29.9	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	24.0	44.9	
	EtOH	25.0	46.8	

Remarks: * Warming (40°C) enhanced solubility.

QC Date: 26-05-2021

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