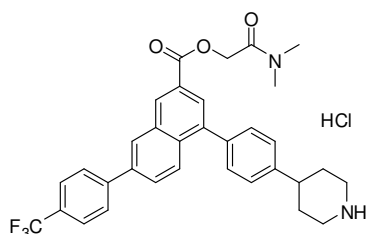


Certificate of Analysis

Axon Catalogue ID: 1958 **Batch Number:** 2
Product Name: P2Y14 Antagonist Prodrug 7j hydrochloride
Alternative Name(s): PPTN Prodrug 7j
IUPAC Name: 2-(Dimethylamino)-2-oxoethyl 4-(4-(piperidin-4-yl)phenyl)-7-(4-(trifluoromethyl)phenyl)-2-naphthoate hydrochloride

Structure:



Amount:

CAS number(s): 1315308-19-0 (parent), 2108968-42-7 (HCl (1:1))
Molecular Formula: C₃₃H₃₁F₃N₂O₃.HCl **Molecular Weight:** 597.07
Batch Molecular Formula: C₃₃H₃₁F₃N₂O₃.HCl.0.5H₂O **Batch Molecular Weight:** 606.07
Appearance: White solid **Observed mp:** >283 °C (decomp)
TLC (R_f): 0.7 DCM/MeOH (4:1)
Chemical Purity: 98.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.40, H 5.49, N 4.62; Found: C 65.18, H 5.24, N 4.53
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	20.0	33.0	
	EtOH			Not Tested

Remarks:

QC Date: 10-06-2020

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