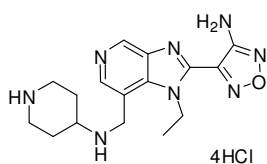




Certificate of Analysis

Axon Catalogue ID: 1897 **Batch Number:** 1
Product Name: SB 747651A
Alternative Name(s): SB 747651 tetrahydrochloride
IUPAC Name: 4-(1-Ethyl-7-((piperidin-4-ylamino)methyl)-1H-imidazo[4,5-c]pyridin-2-yl)-1,2,5-oxadiazol-3-amine tetrahydrochloride

Structure:



Amount:

CAS number(s): 607372-46-3 (parent), 2108968-31-4 (HCl (1:4))
Molecular Formula: C₁₆H₂₂N₈O.4HCl **Molecular Weight:** 488.24
Batch Molecular Formula: C₁₆H₂₂N₈O.4HCl.0.5H₂O **Batch Molecular Weight:** 497.25
Appearance: White solid **Observed mp:** 236.5 - 238.4 °C
TLC (R_f): 0.1 DCM/MeOH/NH₃ (9:1:0.01)
Chemical Purity: 98.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 38.65, H 5.47, N 22.53; Found: C 38.89, H 5.88, N 22.59
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	48.0	96.5	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	27.0	54.3	
	EtOH			Not Tested

Remarks:

QC Date: 06-08-2018

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only