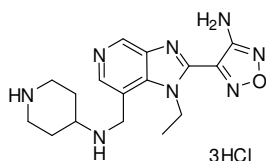




Certificate of Analysis

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

Structure:



Amount:

CAS number(s): 607372-46-3 (parent)
Molecular Formula: C₁₆H₂₂N₈O.3HCl **Molecular Weight:** 451.78
Batch Molecular Formula: C₁₆H₂₂N₈O.3HCl.1.5H₂O **Batch Molecular Weight:** 478.80
Appearance: Off-white solid **Observed mp:** >260 °C (decomp)
TLC (R_f): 0.3 DCM/MeOH/NH₃ (4:1:0.1)
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 40.14, H 5.89, N 23.40, Cl 22.21; Found: C 40.01, H 5.89, N 23.31, Cl 22.48
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	47.9	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	12.4	25.9	
	EtOH			Not Tested

Remarks:

QC Date: 29-01-2020

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