



Certificate of Analysis

Axon Catalogue ID:	3116	Batch Number:	1	
Product Name:	Edoxaban tosylate			
Alternative Name(s):	DU-176b			
IUPAC Name:	N1-(5-Chloropyridin-2-yl)-N2-((1S,2R,4S)-4-(dimethylcarbamoyl)-2-(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxamido)cyclohexyl)oxalamide 4-methylbenzenesulfonate			
Structure:			Amount:	
CAS number(s):	480449-70-5 (parent), 480449-71-6 (tosylate (1:1))			
Molecular Formula:	C ₂₄ H ₃₀ ClN ₇ O ₄ S.C ₇ H ₈ O ₃ S	Molecular Weight:	720.26	
Batch Molecular Formula:	C ₂₄ H ₃₀ ClN ₇ O ₄ S.C ₇ H ₈ O ₃ S.0.75H ₂ O	Batch Molecular Weight:	733.77	
Appearance:	White solid	Observed mp:	256 °C (decomp)	
TLC (R_f):	0.36	DCM/MeOH (9:1)		
Chemical Purity:	100%			
Optical Purity (ee):	Optically pure			
¹H-NMR (300 MHz):	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 50.74, H 5.43, N 13.36; Found: C 50.81, H 5.44, N 13.54			
Storage Conditions:	Desiccate at -20 °C			
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	1.6	2.1	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	46.0	62.7	
	EtOH			Not Tested
Remarks:				
QC Date:	11-06-2020			

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