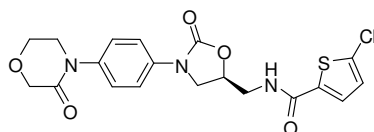




Certificate of Analysis

Axon Catalogue ID: 3175 **Batch Number:** 1
Product Name: Rivaroxaban
Alternative Name(s): BAY 59-7939
IUPAC Name: (S)-5-Chloro-N-((2-oxo-3-(4-(3-oxomorpholino)phenyl)oxazolidin-5-yl)methyl)thiophene-2-carboxamide

Structure:



Amount:

CAS number(s): 366789-02-8
Molecular Formula: C₁₉H₁₈ClN₃O₅S **Molecular Weight:** 435.88
Batch Molecular Formula: C₁₉H₁₈ClN₃O₅S **Batch Molecular Weight:** 435.88
Appearance: White solid **Observed mp:** 234.1 - 235.5 °C
TLC (R_f): 0.8 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): Optically pure
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.35, H 4.16, N 9.64; Found: C 52.40, H 4.02, N 9.62

Storage Conditions: Store at +4 °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	15.0	34.4	
	EtOH			Not Tested

Remarks:

QC Date: 30-11-2020

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