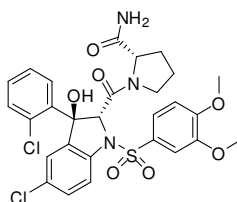




## Certificate of Analysis

**Axon Catalogue ID:** 1256 **Batch Number:** 6  
**Product Name:** SR 49059  
**Alternative Name(s):** Relcovaptan  
**IUPAC Name:** (S)-1-((2R,3S)-5-Chloro-3-(2-chlorophenyl)-1-(3,4-dimethoxyphenylsulfonyl)-3-hydroxyindoline-2-carbonyl)pyrrolidine-2-carboxamide

**Structure:**



**Amount:**

**CAS number(s):** 150375-75-0  
**Molecular Formula:** C<sub>28</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>7</sub>S **Molecular Weight:** 620.50  
**Batch Molecular Formula:** C<sub>28</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>7</sub>S **Batch Molecular Weight:** 620.50  
**Appearance:** White solid **Observed mp:** 148 - 153 °C  
**TLC (R<sub>f</sub>):** 0.69 DCM/MeOH (9:1)  
**Chemical Purity:** 99.9%  
**Optical Purity (ee):** Optically pure  
**Optical Rotation (Det.):** [α]<sub>D</sub> = -233.2° with c = 1 in CHCl<sub>3</sub>  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 54.20, H 4.39, N 6.77; Found: C 54.19, H 4.33, N 6.78  
**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	62.1	>100 mM	
	EtOH	62.1	>100 mM	

**Remarks:**

**QC Date:** 26-9-2023

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**