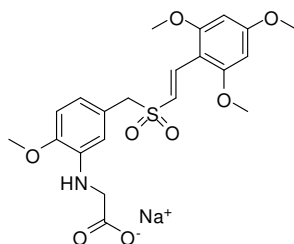




## Certificate of Analysis

**Axon Catalogue ID:** 2950 **Batch Number:** 2  
**Product Name:** Rigosertib sodium  
**Alternative Name(s):** ON01910 sodium; Estybon  
**IUPAC Name:** Sodium (E)-2-(2-methoxy-5-((2,4,6-trimethoxystyrylsulfonyl)methyl)phenylamino)acetate

**Structure:**



**Amount:**

**CAS number(s):** 592542-59-1 (parent), 592542-60-4 (sodium salt (1:1))  
**Molecular Formula:** C<sub>21</sub>H<sub>24</sub>NNaO<sub>8</sub>S **Molecular Weight:** 473.47  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>24</sub>NNaO<sub>8</sub>S.1.25H<sub>2</sub>O **Batch Molecular Weight:** 495.99  
**Appearance:** White solid **Observed mp:** 139.4 - 141.2 °C  
**TLC (R<sub>f</sub>):** 0.7 DCM/MeOH (4:1)  
**Chemical Purity:** 98.6%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 50.85, H 5.39, N 2.82; Found: C 50.61, H 5.43, N 2.83  
**Storage Conditions:** Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	49.6	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	49.6	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 21-05-2019

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**