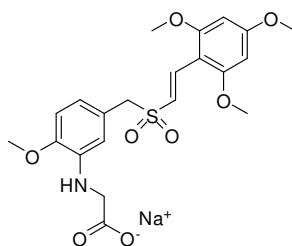




Certificate of Analysis

Axon Catalogue ID: 2950 **Batch Number:** 1
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: C₂₁H₂₄NNaO₈S **Molecular Weight:** 473.47
Batch Molecular Formula: C₂₁H₂₄NNaO₈S.1H₂O **Batch Molecular Weight:** 491.49
Appearance: White solid **Observed mp:** 158.6 - 160.1 °C
TLC (R_f): 0.7 DCM/MeOH (4:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 51.32, H 5.33, N 2.85; Found: C 51.04, H 5.22, N 2.63
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	49.1	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	40.0	81.4	
	EtOH			Not Tested

Remarks:

QC Date: 20-05-2019

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only