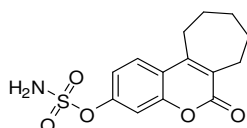




## Certificate of Analysis

**Axon Catalogue ID:** 2892 **Batch Number:** 1  
**Product Name:** STX64  
**Alternative Name(s):** BN83495; Irosustat; 667 Coumate  
**IUPAC Name:** 6-Oxo-6,7,8,9,10,11-hexahydrocyclohepta[c]chromen-3-yl sulfamate

**Structure:**



**Amount:**

**CAS number(s):** 288628-05-7  
**Molecular Formula:** C<sub>14</sub>H<sub>15</sub>NO<sub>5</sub>S **Molecular Weight:** 309.34  
**Batch Molecular Formula:** C<sub>14</sub>H<sub>15</sub>NO<sub>5</sub>S **Batch Molecular Weight:** 309.34  
**Appearance:** White solid **Observed mp:** 141 - 143 °C  
**TLC (R<sub>f</sub>):** 0.72 DCM/MeOH (9:1)  
**Chemical Purity:** 99.6%  
**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 54.36, H 4.89, N 4.53; Found: C 54.61, H 4.80, N 4.87  
**Storage Conditions:** Store at -20 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility</b>		<b>Remarks</b>
		<b>(mg/ml)</b>	<b>(mM)</b>	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	30.9	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 26-09-2018

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**