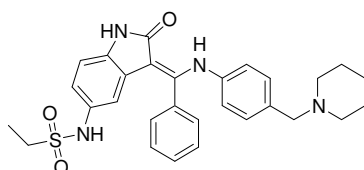




## Certificate of Analysis

**Axon Catalogue ID:** 2096 **Batch Number:** 1  
**Product Name:** Hesperadin  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (Z)-N-(2-oxo-3-(phenyl(4-(piperidin-1-ylmethyl)phenylamino)methylene)indolin-5-yl)ethanesulfonamide

**Structure:**



**Amount:**

**CAS number(s):** 422513-13-1  
**Molecular Formula:** C<sub>29</sub>H<sub>32</sub>N<sub>4</sub>O<sub>3</sub>S **Molecular Weight:** 516.65  
**Batch Molecular Formula:** C<sub>29</sub>H<sub>32</sub>N<sub>4</sub>O<sub>3</sub>S.0.75H<sub>2</sub>O **Batch Molecular Weight:** 530.17  
**Appearance:** Yellow solid **Observed mp:** 233 - 235 °C  
**TLC (R<sub>f</sub>):** 0.25 DCM/MeOH (9:1)  
**Chemical Purity:** 99.5%  
**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 65.70, H 6.37, N 10.57; Found: C 65.63, H 6.00, N 10.50  
**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	53.0	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 19-06-2018

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**