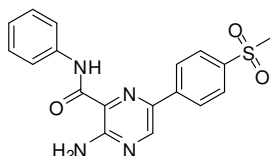




## Certificate of Analysis

**Axon Catalogue ID:** 1893 **Batch Number:** 2  
**Product Name:** VE 821  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-Amino-6-(4-(methylsulfonyl)phenyl)-N-phenylpyrazine-2-carboxamide

**Structure:**



**Amount:**

**CAS number(s):** 1232410-49-9  
**Molecular Formula:** C<sub>18</sub>H<sub>16</sub>N<sub>4</sub>O<sub>3</sub>S **Molecular Weight:** 368.41  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>16</sub>N<sub>4</sub>O<sub>3</sub>S **Batch Molecular Weight:** 368.41  
**Appearance:** Yellow solid **Observed mp:** 248 °C  
**TLC (R<sub>f</sub>):** 0.55 DCM/MeOH (20:1)  
**Chemical Purity:** 99.9%  
**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 58.68, H 4.38, N 15.21; Found: C 58.38, H 4.36, N 15.22  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	12.0	32.6	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 17-08-2017

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**