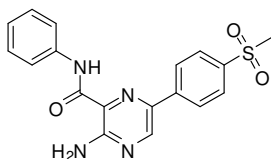




Certificate of Analysis

Axon Catalogue ID: 1893 **Batch Number:** 1
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: C₁₈H₁₆N₄O₃S **Molecular Weight:** 368.41
Batch Molecular Formula: C₁₈H₁₆N₄O₃S.0.75H₂O **Batch Molecular Weight:** 381.92
Appearance: Yellow solid **Observed mp:** 247 - 249 °C
TLC (R_f): 0.6 DCM/MeOH (20:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.61, H 4.62, N 14.67; Found: C 56.43, H 4.22, N 14.72
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	38.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 18-10-2018

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only