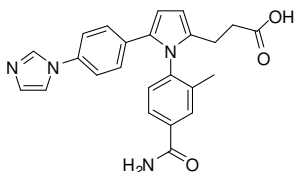


## Certificate of Analysis

**Axon Catalogue ID:** 1822 **Batch Number:** 2  
**Product Name:** N6022  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-(5-(4-(1H-Imidazol-1-yl)phenyl)-1-(4-carbamoyl-2-methylphenyl)-1H-pyrrol-2-yl)propanoic acid

**Structure:**



**Amount:**

**CAS number(s):** 1208315-24-5  
**Molecular Formula:** C<sub>24</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub> **Molecular Weight:** 414.46  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub>.H<sub>2</sub>O **Batch Molecular Weight:** 432.47  
**Appearance:** White solid **Observed mp:** 138 - 141 °C  
**TLC (R<sub>f</sub>):** 0.33 DCM/MeOH (4:1)  
**Chemical Purity:** 99.1%  
**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 66.65, H 5.59, N 12.96; Found: C 66.66, H 5.59, N 13.16  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)	0.5	1.2	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	34.0	78.6	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 26-5-2020

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**