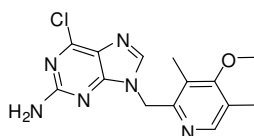




## Certificate of Analysis

**Axon Catalogue ID:** 1543 **Batch Number:** 1  
**Product Name:** CNF 2024  
**Alternative Name(s):** BIIB 021  
**IUPAC Name:** 6-Chloro-9-((4-methoxy-3,5-dimethylpyridin-2-yl)methyl)-9H-purin-2-amine

**Structure:**



**Amount:**

**CAS number(s):** 848695-25-0  
**Molecular Formula:** C<sub>14</sub>H<sub>15</sub>ClN<sub>6</sub>O **Molecular Weight:** 318.76  
**Batch Molecular Formula:** C<sub>14</sub>H<sub>15</sub>ClN<sub>6</sub>O **Batch Molecular Weight:** 318.76  
**Appearance:** White solid **Observed mp:** 192 - 193 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 98.2%  
**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 52.75, H 4.74, N 26.36; Found: C ND, H ND, N ND  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	31.0	97.3	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 30-03-2019

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**