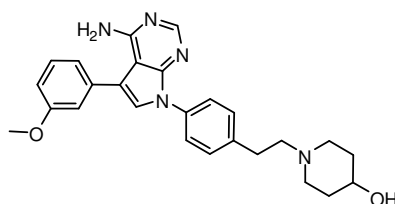




## Certificate of Analysis

**Axon Catalogue ID:** 2097 **Batch Number:** 2  
**Product Name:** CGP 77675  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 1-(Amino-5-(3-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl)phenethyl)piperidin-4-ol

**Structure:**



**Amount:**

**CAS number(s):** 234772-64-6  
**Molecular Formula:** C<sub>26</sub>H<sub>29</sub>N<sub>5</sub>O<sub>2</sub> **Molecular Weight:** 443.54  
**Batch Molecular Formula:** C<sub>26</sub>H<sub>29</sub>N<sub>5</sub>O<sub>2</sub>·0.5H<sub>2</sub>O **Batch Molecular Weight:** 452.55  
**Appearance:** Off-white solid **Observed mp:** 138 - 140 °C  
**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH (9:1)  
**Chemical Purity:** 98.8%  
**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 69.00, H 6.68, N 15.48; Found: C 68.90, H 6.43, N 15.65  
**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	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	22.0	48.6	
	DMSO	45.3	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 05-01-2015

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**