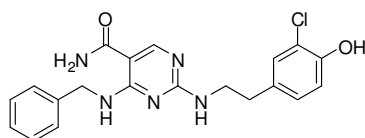




## Certificate of Analysis

**Axon Catalogue ID:** 1992 **Batch Number:** 2  
**Product Name:** AS 1517499  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 4-(Benzylamino)-2-(3-chloro-4-hydroxyphenethylamino)pyrimidine-5-carboxamide

**Structure:**



**Amount:**

**CAS number(s):** 919486-40-1  
**Molecular Formula:** C<sub>20</sub>H<sub>20</sub>ClN<sub>5</sub>O<sub>2</sub> **Molecular Weight:** 397.86  
**Batch Molecular Formula:** C<sub>20</sub>H<sub>20</sub>ClN<sub>5</sub>O<sub>2</sub>·0.1H<sub>2</sub>O **Batch Molecular Weight:** 399.66  
**Appearance:** Off-white solid **Observed mp:** 174 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 98.7%  
**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 60.10, H 5.09, N 17.52; Found: C 59.78, H 5.05, N 17.33  
**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)			Not Tested
	DMSO	40.0	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 06-01-2016

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**