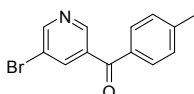




## Certificate of Analysis

**Axon Catalogue ID:** 2438 **Batch Number:** 1  
**Product Name:** Cuspin-1  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (5-Bromopyridin-3-yl)(p-tolyl)methanone

**Structure:**



**Amount:**

**CAS number(s):** 337932-29-3  
**Molecular Formula:** C<sub>13</sub>H<sub>10</sub>BrNO **Molecular Weight:** 276.13  
**Batch Molecular Formula:** C<sub>13</sub>H<sub>10</sub>BrNO **Batch Molecular Weight:** 276.13  
**Appearance:** Off-white solid **Observed mp:** 107 - 108 °C  
**TLC (R<sub>f</sub>):** 0.6 EtOAc/Hex (1:4)  
**Chemical Purity:** 99.6%  
**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 56.55, H 3.65, N 5.07; Found: C 56.78, H 3.59, N 5.27  
**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	16.5	59.8	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 24-11-2015

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**