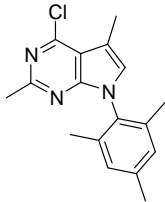


## Certificate of analysis

<b>Axon Catalogue ID</b>	1117	<b>Axon Batch Number:</b>	1
<b>Product Name:</b>	Axon 1117		
<b>IUPAC Name:</b>	4-Chloro-2,5-dimethyl-7-(2,4,6-trimethyl-phenyl)-7H-pyrrolo[2,3-d]pyrimidine		
<b>Structure:</b>			
<b>CAS number:</b>	157286-81-2	<b>Batch MW:</b>	299.50
<b>Batch Molecular Formula:</b>	C <sub>17</sub> H <sub>18</sub> ClN <sub>3</sub>	<b>Observed melting point:</b>	100-101.2 °C
<b>Appearance:</b>	brown solid		
<b>TLC (R<sub>f</sub>):</b>	0.4 EtOAc/Hexane		
<b>Chemical Purity:</b>	97%		
<b>Optical Purity (ee):</b>			
<b><sup>1</sup>H-NMR:</b>	Analytical data confirm chemical structure	<b>Solvent:</b>	CDCl <sub>3</sub> 300 MHz
<b>Mass Spec:</b>	Analytical data confirm chemical structure	<b>Ion:</b>	300 m/z
		<b>Method:</b>	M+1(APCI)
<b>Microanalysis:</b>	Not available		
<b>Storage Conditions:</b>	For long term storage we advise to keep below +4°C		
<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>
	Water		
	1eq. NaOH		
	1eq. HCl		
	DMSO		
	EtOH		
<b>Remarks:</b>			
<b>Quality controller:</b>	Erik S. Vermeulen	<b>Date:</b>	14-4-2008

The purity of Axon products is confirmed by HPLC, MS, NMR and Microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to [info@axonmedchem.com](mailto:info@axonmedchem.com) indicating Axon Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**