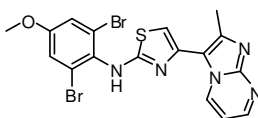




## Certificate of Analysis

**Axon Catalogue ID:** 2420 **Batch Number:** 1  
**Product Name:** PTC 209  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(2,6-dibromo-4-methoxyphenyl)-4-(2-methylimidazo[1,2-a]pyrimidin-3-yl)thiazol-2-amine

**Structure:**



**Amount:**

**CAS number:** 315704-66-6  
**Batch Molecular Formula:** C<sub>17</sub>H<sub>13</sub>Br<sub>2</sub>N<sub>5</sub>O<sub>5</sub> **Batch MW:** 495.19  
**Appearance:** Yellow solid **Observed mp:** 130 °C  
**TLC (R<sub>f</sub>):** 0.27 DCM/MeOH/NH<sub>3</sub> (30:1:0.1)  
**Chemical Purity:** 99.3%  
**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 41.23 , H 2.65 , N 14.14 Found: C 40.92 , H 2.55 , N 13.80  
**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	49.5	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 18-06-2015

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**