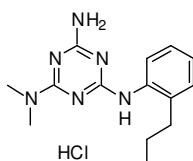




## Certificate of Analysis

**Axon Catalogue ID:** 2021 **Batch Number:** 1  
**Product Name:** HL 010183  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N2,N2-Dimethyl-N4-(2-propylphenyl)-1,3,5-triazine-2,4,6-triamine hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 1125365-14-1 (parent), 1429218-03-0 (HCl (1:1))  
**Molecular Formula:** C<sub>14</sub>H<sub>20</sub>N<sub>6</sub>.HCl **Molecular Weight:** 308.81  
**Batch Molecular Formula:** C<sub>14</sub>H<sub>20</sub>N<sub>6</sub>.HCl.0.5H<sub>2</sub>O **Batch Molecular Weight:** 317.82  
**Appearance:** Grey solid **Observed mp:** 161 - 163 °C  
**TLC (R<sub>f</sub>):** 0.4 DCM/MeOH (9:1)  
**Chemical Purity:** 98.2%  
**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 52.91, H 6.98, N 26.44; Found: C 52.78, H 7.07, N 26.37  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility</b>		<b>Remarks</b>
		<b>(mg/ml)</b>	<b>(mM)</b>	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	30.0	94.4	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 10-09-2019

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**