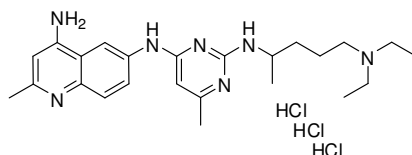




## Certificate of Analysis

**Axon Catalogue ID:** 1578 **Batch Number:** 1  
**Product Name:** NSC 23766 trihydrochloride  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N<sup>6</sup>\*-[2-(4-Diethylamino-1-methyl-butylamino)-6-methyl-pyrimidin-4-yl]-2-methyl-quinoline-4,6-diamine trihydrochloride

**Structure:**



**Amount:** 10 mg

**CAS number:** 1177865-17-6  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>35</sub>N<sub>7</sub>·3HCl·3.5H<sub>2</sub>O **Batch MW:** 594.00  
**Appearance:** White solid **Observed mp:** >200 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH (1:1)  
**Chemical Purity:** >99%  
**Optical Purity (ee):**  
**1H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 48.53 , H 7.64 , N 16.41 Found: C 48.14 , H 7.17 , N 16.47  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	36.0	60.6	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	>30	>100 mM	
	EtOH			Not Tested

**Remarks:** Purity determined by GCMS/1H-NMR.

**QC Date:** 10-03-2011

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**