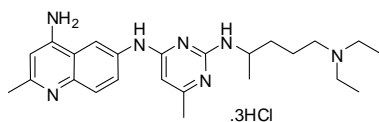




Certificate of Analysis

Axon Catalogue ID: 1578 **Batch Number:** 2
Product Name: NSC 23766 trihydrochloride
Alternative Name(s): N.A.
IUPAC Name: N⁶-[2-(4-Diethylamino-1-methyl-butylamino)-6-methyl-pyrimidin-4-yl]-2-methyl-quinoline-4,6-diamine trihydrochloride

Structure:



Amount:

Packed as:

CAS number: 1177865-17-6 **Batch MW:** 602.41
Batch Molecular Formula: C₂₄H₃₈N₇Cl₃.4H₂O **Observed m.p.:** >202°C
Appearance: Off-white Solid **Wavelength for purity check:** N.A.
TLC (R_f): 0.2 1:1 DCM/MeOH
Chemical Purity: 99%
Optical Purity (ee):
1H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Desiccate at -20°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	48	80	
	NaOH (0.1N (aq))			Not Tested
	HCl (0.1N (aq))			Not Tested
	DMSO	20	33	
	EtOH			Not Tested

Remarks: 99% Purity guaranteed based upon 1H-NMR, and micro analysis. 1 spot on TLC. Compound not detectable by HPLC-MS.

Quality controller: Erik S. Vermeulen, PhD

Date: 10/16/2012

The purity of Axon products 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 indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only