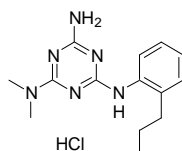




Certificate of Analysis

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: 1125365-14-1 (parent) **MW:** 308.81
Batch Molecular Formula: C₁₄H₂₀N₆.HCl.0.5H₂O **Batch MW:** 317.82
Appearance: Grey solid **Observed mp:** 161 - 163 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.1%
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: Store at +4°C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|------------------|----------------|--------------------|-----------------|------------|
| | 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: 4/16/2013

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