



Certificate of Analysis

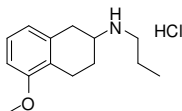
Axon Catalogue ID: 1025 **Batch Number:** 1

Product Name: 5-Methoxy-N-propyl-2-aminotetraline hydrochloride

Alternative Name(s): N.A.

IUPAC Name: 5-Methoxy-N-propyl-1,2,3,4-tetrahydronaphthalen-2-amine hydrochloride

Structure:



Amount:

CAS number(s): 3899-07-8 (parent), 3904-24-3 (HCl (1:1))

Molecular Formula: C₁₄H₂₁NO.HCl **Molecular Weight:** 255.78

Batch Molecular Formula: C₁₄H₂₁NO.HCl **Batch Molecular Weight:** 255.78

Appearance: Light-brown solid **Observed mp:** > 245 °C (decomp)

TLC (R_f): 0.55 DCM/MeOH/NH₃ (9:1:0.01)

Chemical Purity: 95%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 65.74, H 8.67, N 5.48; Found: C ND, H ND, N ND

Storage Conditions: Store at +4 °C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|-------------------------|----------------|---------------------------|------------------------|----------------|
| | Water | | | Soluble |
| | 0.1N NaOH (aq) | | | Not Tested |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | | | Soluble |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 16-9-2022

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only