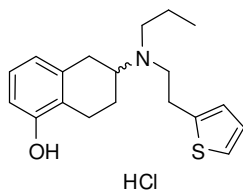


Certificate of Analysis

Axon Catalogue ID: 1038 **Batch Number:** 1
Product Name: N 0437 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 6-[Propyl-(2-thiophen-2-yl-ethyl)-amino]-5,6,7,8-tetrahydro-naphthalen-1-ol hydrochloride

Structure:



Amount:

CAS number: 102120-99-0
Batch Molecular Formula: C₁₉H₂₅NOS.HCl **Batch MW:** 351.94
Appearance: White solid **Observed mp:** 183 - 186 °C
TLC (R_f): 0.85 DCM/MeOH/NH₃ (90:9:1)
Chemical Purity: 100.0%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.84 , H 7.45 , N 3.98 Found: C ND , H ND , N ND
Storage Conditions: Store at +4 °C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|------------------|----------------|--------------------|-----------------|------------|
| | Water | 5.8 | 16.4 | |
| | 0.1N NaOH (aq) | | | Not Tested |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | 10.2 | 29.0 | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 04-11-2013

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