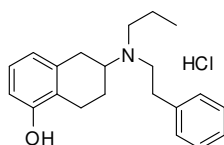




## Certificate of Analysis

**Axon Catalogue ID:** 1035 **Batch Number:** 2  
**Product Name:** PPHT hydrochloride  
**Alternative Name(s):** N 0434  
**IUPAC Name:** 6-(Phenethyl(propyl)amino)-5,6,7,8-tetrahydronaphthalen-1-ol hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 87857-27-0 (parent), 71787-90-1 (HCl (1:1))  
**Molecular Formula:** C<sub>21</sub>H<sub>27</sub>NO.HCl **Molecular Weight:** 345.91  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>27</sub>NO.HCl **Batch Molecular Weight:** 345.91  
**Appearance:** White solid **Observed mp:** 200 - 201 °C  
**TLC (R<sub>f</sub>):** 0.68 DCM/MeOH (9:1)  
**Chemical Purity:** 100%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 72.92, H 8.16, N 4.05; Found: C ND, H ND, N ND  
**Storage Conditions:** Desiccate at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water		>10	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO		>10	
	EtOH			Not Tested

**Remarks:** The material contains a trace amount of ethanol (~1.2% based on <sup>1</sup>H-NMR data)

**QC Date:** 06-03-2017

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**