



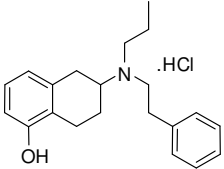
## Certificate of Analysis

**Axon Catalogue ID:** 1035 **Batch Number:** 1

**Product Name:** PPHT Hydrochloride

**Alternative Name(s):** N.A.

**IUPAC Name:** (±)-2-(N-Phenethyl-N-propyl)amino-5-hydroxytetralin hydrochloride

**Structure:**  **Amount:**

**CAS number:** 71787-90-1 **MW:** 345.91

**Batch Molecular Formula:** C<sub>21</sub>H<sub>27</sub>NO .HCl **Batch MW:** 345.91

**Appearance:** Off-white Solid **Observed mp:** 203 - 204 °C

**TLC (R<sub>f</sub>):** 0.75 DCM/MeOH (9:1)

**Chemical Purity:** >99%

**Optical Purity (ee):**

**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure

**Mass Spec:** Analytical data confirm chemical structure

**Microanalysis:** Not available

**Storage Conditions:** Desiccate at -20 °C

**Solubility Data:**

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	2.0	5.8	
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	10.0	28.9	
EtOH			Not Tested

**Remarks:**

**QC Date:** 10-01-2008

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](mailto:info@axonmedchem.com) indicating Axon Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**