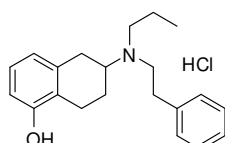


Certificate of Analysis

Axon Catalogue ID: 1035 **Batch Number:** 3
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: C₂₁H₂₇NO.HCl **Molecular Weight:** 345.91
Batch Molecular Formula: C₂₁H₂₇NO.HCl.0.1H₂O **Batch Molecular Weight:** 347.71
Appearance: White solid **Observed mp:** 202 - 204 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.54, H 8.17, N 4.03; Found: C 72.35, H 8.09, N 4.06
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	5.3	15.3	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 04-05-2018

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