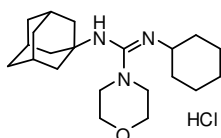




## Certificate of Analysis

**Axon Catalogue ID:** 1274 **Batch Number:** 3  
**Product Name:** PNU 37883 hydrochloride  
**Alternative Name(s):** U 37883A  
**IUPAC Name:** N-Adamantan-1-yl-N'-cyclohexyl-morpholine-4-carboxamide hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 122252-09-9 (parent), 57568-80-6 (HCl (1:1))  
**Molecular Formula:** C<sub>21</sub>H<sub>36</sub>N<sub>3</sub>O **Molecular Weight:** 381.98  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>36</sub>N<sub>3</sub>O **Batch Molecular Weight:** 381.98  
**Appearance:** White solid **Observed mp:** 222.6 - 224.7 °C  
**TLC (R<sub>f</sub>):** 0.3 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 66.03, H 9.50, N 11.00; Found: C 66.02, H 9.63, N 11.02  
**Storage Conditions:** Desiccate at -20 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	17.3	45.4	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	6.6	17.2	
	EtOH	16.7	43.6	

**Remarks:** Compound is unstable in solutions at room temperature; store stock solutions in refrigerator or freezer.

**QC Date:** 19-06-2019

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**