



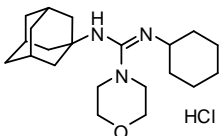
Certificate of Analysis

Axon Catalogue ID: 1274 **Batch Number:** 1

Product Name: PNU 37883 hydrochloride

Alternative Name(s): N.A.

IUPAC Name: N-Adamantan-1-yl-N'-cyclohexyl-morpholine-4-carboxamide hydrochloride

Structure:  **Amount:**

CAS number: 57568-80-6 **MW:** 381.98

Batch Molecular Formula: C₂₁H₃₆ClN₃O **Batch MW:** 381.98

Appearance: White solid **Observed mp:** 219.6 - 221 °C

TLC (R_f): 0.4 (FB) DCM/MeOH (9:1)

Chemical Purity: >99%

Optical Purity (ee):

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Desiccate at +4°C

Solubility Data:

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	5	13	
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	10	26	
EtOH	38	>100 mM	

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

QC Date: 2-7-2007

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 indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only