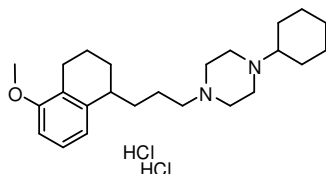




Certificate of Analysis

Axon Catalogue ID: 1272 **Batch Number:** 2A
Product Name: PB 28 dihydrochloride
Alternative Name(s): N.A.
IUPAC Name: 1-Cyclohexyl-4-[3-(5-methoxy-1,2,3,4-tetrahydro-naphthalen-1-yl)-propyl]-piperazine dihydrochloride

Structure:



Amount:

CAS number: 172907-03-8 **MW:** 443.49

Batch Molecular Formula: C₂₄H₄₀Cl₂N₂O **Batch MW:** 443.49

Appearance: White crystals **Observed mp:** ND

TLC (R_f): 0.45 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: Not available

Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	9.0	20.3	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 22-09-2009

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