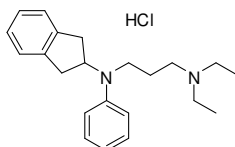




Certificate of Analysis

Axon Catalogue ID: 4014 **Batch Number:** 1
Product Name: Aprindine hydrochloride
Alternative Name(s): AC1802
IUPAC Name: N1-(2,3-Dihydro-1H-inden-2-yl)-N3,N3-diethyl-N1-phenylpropane-1,3-diamine hydrochloride

Structure:



Amount:

CAS number(s): 37640-71-4 (parent), 33237-74-0 (HCl (1:1))
Molecular Formula: C₂₂H₃₀N₂.HCl **Molecular Weight:** 358.95
Batch Molecular Formula: C₂₂H₃₀N₂.HCl **Batch Molecular Weight:** 358.95
Appearance: Off-white solid **Observed mp:** 127.4 - 128.4 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 73.61, H 8.70, N 7.80; Found: C 73.57, H 8.98, N 7.80
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	35.9	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	35.9	>100 mM	
	EtOH	35.9	>100 mM	

Remarks:

QC Date: 20-9-2023

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