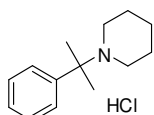




Certificate of Analysis

Axon Catalogue ID: 1595 **Batch Number:** 1
Product Name: PPP Hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 1-(2-Phenylpropan-2-yl)piperidine hydrochloride

Structure:



Amount:

CAS number(s): 92321-29-4 (parent), 21602-56-2 (HCl (1:1))
Molecular Formula: C₁₄H₂₁N.HCl **Molecular Weight:** 239.78
Batch Molecular Formula: C₁₄H₂₁N.HCl.0.125H₂O **Batch Molecular Weight:** 242.04
Appearance: White solid **Observed mp:** 185.5 - 186.5 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.47, H 9.27, N 5.79; Found: C 69.60, H 9.30, N 5.85
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	24.2	>100 mM	Readily soluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 27-09-2018

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