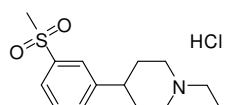




Certificate of Analysis

Axon Catalogue ID: 1579 **Batch Number:** 1
Product Name: ACR 16 hydrochloride
Alternative Name(s): Pridopidine; Huntexil
IUPAC Name: 4-(3-(Methylsulfonyl)phenyl)-1-propylpiperidine hydrochloride

Structure:



Amount:

CAS number(s): 882737-42-0 (HCl (1:1))
Molecular Formula: C₁₅H₂₄ClNO₂S **Molecular Weight:** 317.87
Batch Molecular Formula: C₁₅H₂₄ClNO₂S **Batch Molecular Weight:** 317.87
Appearance: White solid **Observed mp:** 201 °C
TLC (R_f): 0.33 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.68, H 7.61, N 4.41; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	31.8	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	31.8	>100 mM	
	EtOH			Not Tested

Remarks: The material is hygroscopic.

QC Date: 20-05-2019

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only