



Certificate of Analysis

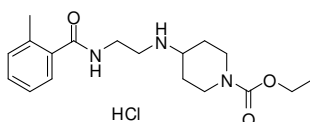
Axon Catalogue ID: 1703 **Batch Number:** 1

Product Name: VU 0357017 hydrochloride

Alternative Name(s): N.A.

IUPAC Name: Ethyl 4-(2-(2-methylbenzamido)ethylamino)piperidine-1-carboxylate hydrochloride

Structure:



Amount:

CAS number(s): 1135681-23-0 (parent), 1135242-13-5 (HCl (1:1))

Molecular Formula: C₁₈H₂₇N₃O₃.HCl **Molecular Weight:** 369.89

Batch Molecular Formula: C₁₈H₂₇N₃O₃.HCl **Batch Molecular Weight:** 369.89

Appearance: White solid **Observed mp:** 225 °C

TLC (R_f): 0.37 DCM/MeOH/NH₃ (20:1:0.1)

Chemical Purity: 100%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 58.45, H 7.63, N 11.36; Found: C ND, H ND, N ND

Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	21.2	57.3	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	27.4	74.1	
	EtOH			Not Tested

Remarks:

QC Date: 24-8-2023

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