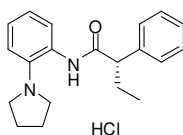




Certificate of Analysis

Axon Catalogue ID: 2615 **Batch Number:** 1
Product Name: ML 252
Alternative Name(s): N.A.
IUPAC Name: (S)-2-Phenyl-N-(2-(pyrrolidin-1-yl)phenyl)butanamide hydrochloride

Structure:



Amount:

CAS number(s): 1392494-64-2 (parent), 2309887-61-2 (HCl (1:1))
Molecular Formula: C₂₀H₂₄N₂O.HCl **Molecular Weight:** 344.88
Batch Molecular Formula: C₂₀H₂₄N₂O.HCl **Batch Molecular Weight:** 344.88
Appearance: Off-white solid **Observed mp:** 162 - 164 °C
TLC (R_f): 0.7 DCM/MeOH (20:1)
Chemical Purity: 99.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.65, H 7.31, N 8.12; Found: C 69.74, H 7.32, N 8.25
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 22-11-2021

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