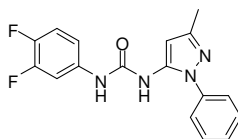




Certificate of Analysis

Axon Catalogue ID: 2436 **Batch Number:** 1
Product Name: ML 297
Alternative Name(s): VU 0456810
IUPAC Name: 1-(3,4-Difluorophenyl)-3-(3-methyl-1-phenyl-1H-pyrazol-5-yl)urea

Structure:



Amount:

CAS number(s): 1443246-62-5
Molecular Formula: C₁₇H₁₄F₂N₄O **Molecular Weight:** 328.32
Batch Molecular Formula: C₁₇H₁₄F₂N₄O **Batch Molecular Weight:** 328.32
Appearance: White solid **Observed mp:** 208 - 210 °C
TLC (R_f): 0.36 Hex/EtOAc (1:1)
Chemical Purity: 99.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.19, H 4.30, N 17.06; Found: C 62.28, H 4.33, N 16.96
Storage Conditions: Store 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	32.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 22-9-2020

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