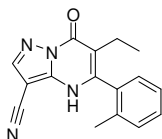




Certificate of Analysis

Axon Catalogue ID: 2622 **Batch Number:** 1
Product Name: CPI 4203
Alternative Name(s): N.A.
IUPAC Name: 6-Ethyl-7-oxo-5-o-tolyl-4,7-dihydropyrazolo[1,5-a]pyrimidine-3-carbonitrile

Structure:



Amount:

CAS number(s): 1628214-07-2
Molecular Formula: C₁₆H₁₄N₄O **Molecular Weight:** 278.31
Batch Molecular Formula: C₁₆H₁₄N₄O **Batch Molecular Weight:** 278.31
Appearance: White solid **Observed mp:** >250 °C (decomp.)
TLC (R_f): 0.45 DCM/MeOH (20:1)
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 69.05, H 5.07, N 20.12; Found: C 69.18, H 4.96, N 20.15
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	25.0	89.8	
	EtOH			Not Tested

Remarks:

QC Date: 28-10-2021

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