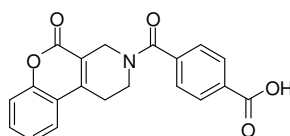




Certificate of Analysis

Axon Catalogue ID: 3020 **Batch Number:** 1
Product Name: DS44960156
Alternative Name(s): N.A.
IUPAC Name: 4-(5-Oxo-2,3,4,5-tetrahydro-1H-chromeno[3,4-c]pyridine-3-carbonyl)benzoic acid

Structure:



Amount:

CAS number(s): 2361327-08-2
Molecular Formula: C₂₀H₁₅NO₅ **Molecular Weight:** 349.34
Batch Molecular Formula: C₂₀H₁₅NO₅·0.25H₂O **Batch Molecular Weight:** 353.84
Appearance: White solid **Observed mp:** 270.5 - 271.5 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.89, H 4.42, N 3.96; Found: C 67.95, H 4.11, N 4.07
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)	19.0	53.7	
	0.1N HCl (aq)			Not Tested
	DMSO	35.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 23-04-2020

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