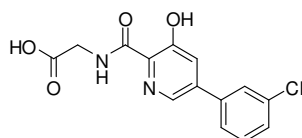




Certificate of Analysis

Axon Catalogue ID: 3288 **Batch Number:** 1
Product Name: Vadadustat
Alternative Name(s): AKB6548; PG-1016548
IUPAC Name: 2-(5-(3-Chlorophenyl)-3-hydroxypicolinamido)acetic acid

Structure:



Amount:

CAS number(s): 1000025-07-9
Molecular Formula: C₁₄H₁₁ClN₂O₄ **Molecular Weight:** 306.70
Batch Molecular Formula: C₁₄H₁₁ClN₂O₄ **Batch Molecular Weight:** 306.70
Appearance: White solid **Observed mp:** 163 °C
TLC (R_f): 0.66 DCM/MeOH/HCOOH (10:1:0.1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.83, H 3.62, N 9.13; Found: C 54.49, H 3.60, N 8.93
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	18.5	60.3	
	0.1N HCl (aq)			Not Tested
	DMSO	30.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 07-01-2021

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