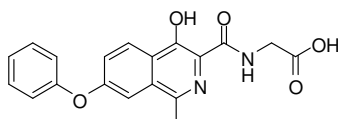




Certificate of Analysis

Axon Catalogue ID: 2588 **Batch Number:** 1
Product Name: FG-4592
Alternative Name(s): Roxadustat; ASP 1517
IUPAC Name: 2-(4-Hydroxy-1-methyl-7-phenoxyisoquinoline-3-carboxamido)acetic acid

Structure:



Amount:

CAS number(s): 808118-40-3
Molecular Formula: C₁₉H₁₆N₂O₅ **Molecular Weight:** 352.34
Batch Molecular Formula: C₁₉H₁₆N₂O₅ **Batch Molecular Weight:** 352.34
Appearance: Off-white solid **Observed mp:** 224.8 - 226.1 °C
TLC (R_f): 0.65 DCM/MeOH/AcOH (9:1:0.01)
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 64.77, H 4.58, N 7.95; Found: C 64.69, H 4.47, N 7.95
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)	14.4	40.9	
	0.1N HCl (aq)			Not Tested
	DMSO	27.3	77.4	
	EtOH			Not Tested

Remarks:

QC Date: 16-06-2016

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