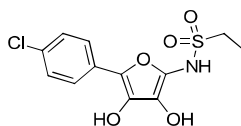




Certificate of Analysis

Axon Catalogue ID: 3523 **Batch Number:** 2
Product Name: MO-I-500
Alternative Name(s): N.A.
IUPAC Name: N-(5-(4-Chlorophenyl)-3,4-dihydroxyfuran-2-yl)ethanesulfonamide

Structure:



Amount:

CAS number(s): 1585219-04-0
Molecular Formula: C₁₂H₁₂ClNO₅S **Molecular Weight:** 317.75
Batch Molecular Formula: C₁₂H₁₂ClNO₅S **Batch Molecular Weight:** 317.75
Appearance: White solid **Observed mp:** 184 - 186 °C
TLC (R_f): 0.7 DCM/MeOH (20:1)
Chemical Purity: 99.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 45.36, H 3.81, N 4.41; Found: C 45.65, H 3.83, N 4.19
Storage Conditions: Store at -20 °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	31.8	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

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