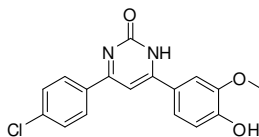




Certificate of Analysis

Axon Catalogue ID: 2921 **Batch Number:** 1
Product Name: LIT-927
Alternative Name(s): N.A.
IUPAC Name: 4-(4-Chlorophenyl)-6-(4-hydroxy-3-methoxyphenyl)pyrimidin-2(1H)-one

Structure:



Amount:

CAS number(s): 2172879-52-4
Molecular Formula: C₁₇H₁₃ClN₂O₃ **Molecular Weight:** 328.75
Batch Molecular Formula: C₁₇H₁₃ClN₂O₃.0.5H₂O **Batch Molecular Weight:** 337.76
Appearance: Yellow solid **Observed mp:** 306 - 307 °C
TLC (R_f): 0.42 DCM/MeOH (9:1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.45, H 4.18, N 8.29; Found: C 60.71, H 3.83, N 8.13
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)	6.3	18.6	
	0.1N HCl (aq)			Not Tested
	DMSO	5.3	15.6	
	EtOH			Not Tested

Remarks:

QC Date: 27-6-2024

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