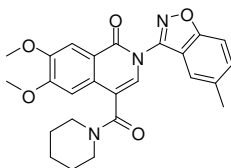




Certificate of Analysis

Axon Catalogue ID: 3609 **Batch Number:** 1
Product Name: AS2717638
Alternative Name(s): N.A.
IUPAC Name: 6,7-Dimethoxy-2-(5-methylbenzo[d]isoxazol-3-yl)-4-(piperidine-1-carbonyl)isoquinolin-1(2H)-one

Structure:



Amount:

CAS number(s): 2148339-28-8
Molecular Formula: C₂₅H₂₅N₃O₅ **Molecular Weight:** 447.48
Batch Molecular Formula: C₂₅H₂₅N₃O₅.0.25H₂O **Batch Molecular Weight:** 451.99
Appearance: White solid **Observed mp:** 212.8 - 217.5 °C
TLC (R_f): 0.9 DCM/MeOH (20:1)
Chemical Purity: 99.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.43, H 5.69, N 9.30; Found: C 66.61, H 5.65, N 9.30
Storage Conditions: Store at +4 °C

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	17.0	37.6	
EtOH	4.2	9.3	

Remarks:

QC Date: 8-4-2022

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