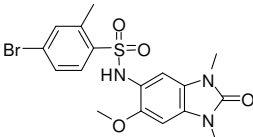




Certificate of Analysis

Axon Catalogue ID:	2442	Batch Number:	1
Product Name:	OF 1		
Alternative Name(s):	N.A.		
IUPAC Name:	4-Bromo-N-(6-methoxy-1,3-dimethyl-2-oxo-2,3-dihydro-1H-benzo[d]imidazol-5-yl)-2-methylbenzenesulfonamide		
Structure:		Amount:	
CAS number(s):	919973-83-4		
Molecular Formula:	C ₁₇ H ₁₈ BrN ₃ O ₄ S	Molecular Weight:	440.31
Batch Molecular Formula:	C ₁₇ H ₁₈ BrN ₃ O ₄ S	Batch Molecular Weight:	440.31
Appearance:	White solid	Observed mp:	234.4 - 236.0 °C
TLC (R_f):	0.77	DCM/MeOH (20:1)	
Chemical Purity:	99.7%		
Optical Purity (ee):	N.A.		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 46.37, H 4.12, N 9.54; Found: C 46.37, H 4.16, N 9.60		
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)	0.0	0.0 Insoluble
	0.1N HCl (aq)		Not Tested
	DMSO	44.0	>100 mM Sonication enhances solubility
	EtOH		Not Tested
Remarks:			
QC Date:	30-6-2021		

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