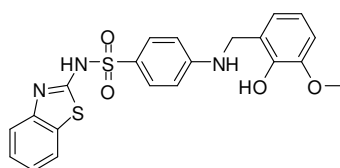


Certificate of Analysis

Axon Catalogue ID: 2873 **Batch Number:** 1
Product Name: ML 355
Alternative Name(s): N.A.
IUPAC Name: N-(Benzo[d]thiazol-2-yl)-4-(2-hydroxy-3-methoxybenzylamino)benzenesulfonamide

Structure:



Amount:

CAS number(s): 1532593-30-8
Molecular Formula: C₂₁H₁₉N₃O₄S₂ **Molecular Weight:** 441.52
Batch Molecular Formula: C₂₁H₁₉N₃O₄S₂ **Batch Molecular Weight:** 441.52
Appearance: Off-white solid **Observed mp:** 202 - 205 °C
TLC (R_f): 0.48 DCM/MeOH (20:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.13, H 4.34, N 9.52; Found: C 56.99, H 4.30, N 9.50
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	44.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 30-07-2018

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