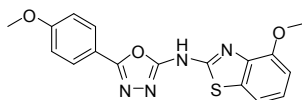




Certificate of Analysis

Axon Catalogue ID: 2565 **Batch Number:** 1
Product Name: N106
Alternative Name(s): N.A.
IUPAC Name: N-(4-methoxybenzo[d]thiazol-2-yl)-5-(4-methoxyphenyl)-1,3,4-oxadiazol-2-amine

Structure:



Amount:

CAS number(s): 862974-25-2
Molecular Formula: C₁₇H₁₄N₄O₃S **Molecular Weight:** 354.38
Batch Molecular Formula: C₁₇H₁₄N₄O₃S **Batch Molecular Weight:** 354.38
Appearance: White solid **Observed mp:** 221 - 222 °C
TLC (R_f): 0.31 DCM/MeOH (100:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.62, H 3.98, N 15.81; Found: C 57.49, H 3.76, N 15.71
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)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	20.0	56.4	
	EtOH			Not Tested

Remarks:

QC Date: 05-09-2016

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