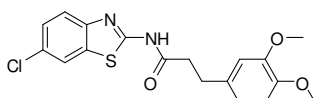




Certificate of Analysis

Axon Catalogue ID: 2036 **Batch Number:** 2
Product Name: KY 02111
Alternative Name(s): N.A.
IUPAC Name: N-(6-Chlorobenzo[d]thiazol-2-yl)-3-(3,4-dimethoxyphenyl)propanamide

Structure:



Amount:

CAS number(s): 1118807-13-8
Molecular Formula: C₁₈H₁₇ClN₂O₃S **Molecular Weight:** 376.86
Batch Molecular Formula: C₁₈H₁₇ClN₂O₃S **Batch Molecular Weight:** 376.86
Appearance: Light yellow solid **Observed mp:** 186 - 187 °C
TLC (R_f): 0.8 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.37, H 4.55, N 7.43; Found: C 57.14, H 4.48, N 7.38
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	18.0	47.8	
	EtOH			Not Tested

Remarks:

QC Date: 27-5-2013

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