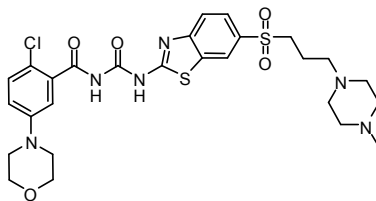




Certificate of Analysis

Axon Catalogue ID: 2340 **Batch Number:** 1
Product Name: AZ-GHS-22
Alternative Name(s): N.A.
IUPAC Name: 2-chloro-N-(6-(3-(4-methylpiperazin-1-yl)propylsulfonyl)benzo[d]thiazol-2-ylcarbamoyl)-5-morpholinobenzamide

Structure:



Amount:

CAS number(s): 1143020-91-0
Molecular Formula: C₂₇H₃₃ClN₆O₅S₂ **Molecular Weight:** 621.17
Batch Molecular Formula: C₂₇H₃₃ClN₆O₅S₂·0.5H₂O **Batch Molecular Weight:** 630.18
Appearance: Pale-yellow solid **Observed mp:** >160 °C (decomp)
TLC (R_f): 0.25 DCM/MeOH (9:1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 51.46, H 5.44, N 13.34; Found: C 51.35, H 5.35, N 13.28

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)	26.0	41.3	
	DMSO	63.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 18-11-2015

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