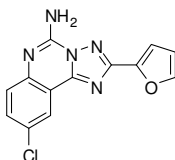




Certificate of Analysis

Axon Catalogue ID: 3736 **Batch Number:** 2
Product Name: CGS 15943
Alternative Name(s): N.A.
IUPAC Name: 9-Chloro-2-(furan-2-yl)-[1,2,4]triazolo[1,5-c]quinazolin-5-amine

Structure:



Amount:

CAS number(s): 104615-18-1
Molecular Formula: C₁₃H₈ClN₅O **Molecular Weight:** 285.69
Batch Molecular Formula: C₁₃H₈ClN₅O **Batch Molecular Weight:** 285.69
Appearance: White solid **Observed mp:** >271 °C (decomp)
TLC (R_f): 0.7 Hex/EtOAc (1:1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.65, H 2.82, N 24.51; Found: C 54.35, H 2.81, N 24.10
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)	0.0	0.0	Insoluble
	DMSO	22.0	77.0	* Warming (40°C)
	EtOH	0.0	0.0	Insoluble

Remarks: * Warming (40°C) enhanced solubility.

QC Date: 8-11-2022

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