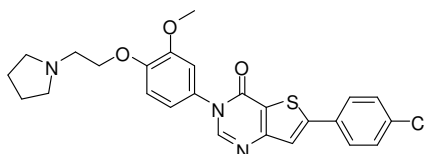




## Certificate of Analysis

**Axon Catalogue ID:** 1569 **Batch Number:** 3  
**Product Name:** GW 803430  
**Alternative Name(s):** GW 3430  
**IUPAC Name:** 6-(4-Chlorophenyl)-3-(3-methoxy-4-(2-(pyrrolidin-1-yl)ethoxy)phenyl)thieno[3,2-d]pyrimidin-4(3H)-one

**Structure:**



**Amount:**

**CAS number(s):** 515141-51-2  
**Molecular Formula:** C<sub>25</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>3</sub>S **Molecular Weight:** 481.99  
**Batch Molecular Formula:** C<sub>25</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>3</sub>S **Batch Molecular Weight:** 481.99  
**Appearance:** Off-white solid **Observed mp:** 171 °C  
**TLC (R<sub>f</sub>):** 0.47 DCM/MeOH (4:1)  
**Chemical Purity:** 100%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 62.30, H 5.02, N 8.72; Found: C 62.01, H 4.95, N 8.71  
**Storage Conditions:** Desiccate 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)	2.5	5.2	* Warming (40°C)	
DMSO	15.0	31.1		
EtOH			Not Tested	

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

**QC Date:** 18-06-2021

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**