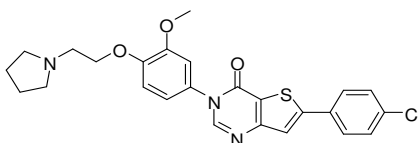




Certificate of Analysis

Axon Catalogue ID: 1569 **Batch Number:** 4
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: C₂₅H₂₄N₃O₃S **Molecular Weight:** 482.00
Batch Molecular Formula: C₂₅H₂₄N₃O₃S **Batch Molecular Weight:** 482.00
Appearance: Off-white solid **Observed mp:** 169 - 171 °C
TLC (R_f): 0.76 DCM/MeOH/NH₃ (20:1:0.1)
Chemical Purity: 99.9%
¹H-NMR: 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 62.08, H 4.97, N 8.87
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water		0.0	0.0
0.1N NaOH (aq)				Not Tested
0.1N HCl (aq)		34.0	70.5	
DMSO		2.6	5.3	* Warming (40°C)
EtOH		2.8	5.9	* Warming (40°C)

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

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