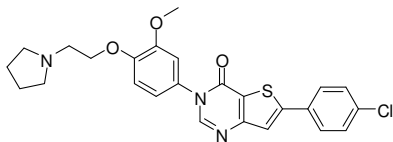




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	1569	<b>Batch Number:</b>	1																								
<b>Product Name:</b>	GW 803430																										
<b>Alternative Name(s):</b>	GW 3430																										
<b>IUPAC Name:</b>	6-(4-Chloro-phenyl)-3-[3-methoxy-4-(2-pyrrolidin-1-yl-ethoxy)-phenyl]-3H-thieno[3,2-d]pyrimidin-4-one																										
<b>Structure:</b>		<b>Amount:</b>																									
<b>CAS number:</b>	515141-51-2																										
<b>Batch Molecular Formula:</b>	C25H24ClN3O3S	<b>Batch MW:</b>	481.99																								
<b>Appearance:</b>	Light brown solid	<b>Observed mp:</b>	160.3 - 161.3 °C																								
<b>TLC (R<sub>f</sub>):</b>	0.3	DCM/MeOH (9:1)																									
<b>Chemical Purity:</b>	98.5%																										
<b>Optical Purity (ee):</b>																											
<b><sup>1</sup>H-NMR (300 MHz):</b>	Analytical data confirm chemical structure																										
<b>Mass Spec:</b>	Analytical data confirm chemical structure																										
<b>Microanalysis:</b>	Calculated: C 62.30 , H 5.02 , N 8.72	Found: C	ND , H ND , N ND																								
<b>Storage Conditions:</b>	Store at	+4 °C																									
<b>Solubility Data:</b>	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr><tr><td>0.1N NaOH (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td>2.5</td><td>5.2</td><td></td></tr><tr><td>DMSO</td><td>20.0</td><td>41.5</td><td></td></tr><tr><td>EtOH</td><td></td><td></td><td>Not Tested</td></tr></tbody></table>	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		DMSO	20.0	41.5		EtOH			Not Tested		
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<b>Remarks:</b>																											
<b>QC Date:</b>	09-11-2010																										

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**