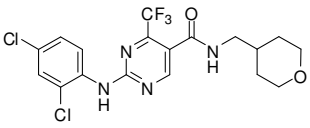




Certificate of Analysis

Axon Catalogue ID:	1925	Batch Number:	2																								
Product Name:	GW 842166X																										
Alternative Name(s):	N.A.																										
IUPAC Name:	2-(2,4-Dichlorophenylamino)-N-((tetrahydro-2H-pyran-4-yl)methyl)-4-(trifluoromethyl)pyrimidine-5-carboxamide																										
Structure:		Amount:																									
CAS number(s):	666260-75-9																										
Molecular Formula:	C18H17Cl2F3N4O2	Molecular Weight:	449.25																								
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Appearance:	White solid	Observed mp:	204.5 - 206.2 °C																								
TLC (R_f):	0.6	DCM/MeOH (9:1)																									
Chemical Purity:	98.5%																										
¹H-NMR:	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 48.12, H 3.81, N 12.47; Found: C 48.03, H 3.71, N 12.40																										
Storage Conditions:	Store at +4 °C																										
Solubility Data:	<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></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>25.0</td><td>55.6</td><td>Sonication enhances solubility</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)			Not Tested	DMSO	25.0	55.6	Sonication enhances solubility	EtOH			Not Tested		
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Remarks:																											
QC Date:	9-12-2022																										

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