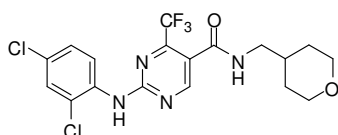




Certificate of Analysis

Axon Catalogue ID: 1925 **Batch Number:** 1
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
Batch Molecular Formula: C₁₈H₁₇Cl₂F₃N₄O₂ **Batch Molecular Weight:** 449.25
Appearance: White solid **Observed mp:** 203.5 - 204.5 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): 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 47.91, H 4.15, N 12.07
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	35.0	77.9	Warming (40 °C) required
	EtOH			Not Tested

Remarks:

QC Date: 16-10-2012

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