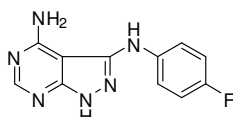




Certificate of Analysis

Axon Catalogue ID: 1611 **Batch Number:** 2
Product Name: CGP 57380
Alternative Name(s): N.A.
IUPAC Name: N3-(4-Fluorophenyl)-1H-pyrazolo[3,4-d]pyrimidine-3,4-diamine

Structure:



Amount:

CAS number(s): 522629-08-9
Molecular Formula: C₁₁H₉FN₆ **Molecular Weight:** 244.23
Batch Molecular Formula: C₁₁H₉FN₆ **Batch Molecular Weight:** 244.23
Appearance: Brown solid **Observed mp:** 296 °C
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.10, H 3.71, N 34.41; Found: C 53.87, H 3.70, N 34.47
Storage Conditions: Store at +4 °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)			Not Tested
	DMSO	24.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 18-07-2017

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