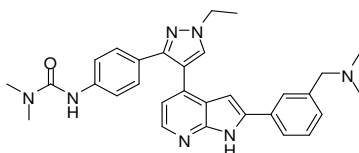




Certificate of Analysis

Axon Catalogue ID: 3920 **Batch Number:** 6
Product Name: GSK1070916
Alternative Name(s): N.A.
IUPAC Name: 3-(4-(4-(2-(3-((Dimethylamino)methyl)phenyl)-1H-pyrrolo[2,3-b]pyridin-4-yl)-1-ethyl-1H-pyrazol-3-yl)phenyl)-1,1-dimethylurea

Structure:



Amount:

CAS number(s): 942918-07-2
Molecular Formula: C30H33N7O **Molecular Weight:** 507.63
Batch Molecular Formula: C30H33N7O.0.5H2O **Batch Molecular Weight:** 516.64
Appearance: Off-white solid **Observed mp:** 230.1 - 235.7 °C
TLC (R_f): 0.4 DCM/MeOH (4:1)
Chemical Purity: 98.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.74, H 6.63, N 18.98; Found: C 69.96, H 6.39, N 18.84
Storage Conditions: Store at -20 °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)	13.3	25.7	
	DMSO	4.6	8.9	
	EtOH	0.0	0.0	Insoluble

Remarks:

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