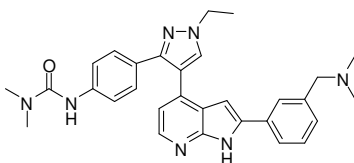




Certificate of Analysis

Axon Catalogue ID: 3920 **Batch Number:** 2
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: Pale-yellow solid **Observed mp:** 151 - 153 °C
TLC (R_f): 0.7 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.0%
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 69.72, H 6.49, N 18.74
Storage Conditions: Store at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	15.0	29.0	
DMSO	36.0	69.7	
EtOH	6.8	13.2	* Warming (40°C)

Remarks: * Warming (40°C) enhanced solubility.

QC Date: 19-6-2023

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