



Certificate of Analysis

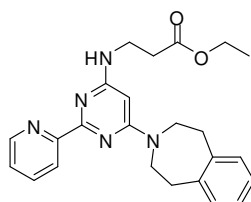
Axon Catalogue ID: 1933 **Batch Number:** 1

Product Name: GSK J4

Alternative Name(s): N.A.

IUPAC Name: Ethyl 3-(6-(4,5-dihydro-1H-benzo[d]azepin-3(2H)-yl)-2-(pyridin-2-yl)pyrimidin-4-ylamino)propanoate

Structure:



Amount:

CAS number(s): 1373423-53-0

Molecular Formula: C₂₄H₂₇N₅O₂ **Molecular Weight:** 417.50

Batch Molecular Formula: C₂₄H₂₇N₅O₂·0.25H₂O **Batch Molecular Weight:** 422.01

Appearance: Off-white solid **Observed mp:** NA

TLC (R_f): 0.4 EtOAc/MeOH-NH₃ (99.9:0.1)

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 68.31, H 6.57, N 16.60; Found: C 68.35, H 6.52, N 16.74

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)	14.0	33.2	
	DMSO	42.2	>100	
	EtOH			Not Tested

Remarks:

QC Date: 30-01-2019

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