



Certificate of Analysis

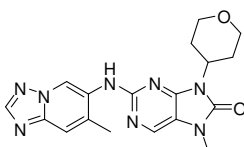
Axon Catalogue ID: 4068 **Batch Number:** 2

Product Name: AZD7648

Alternative Name(s): N.A.

IUPAC Name: 7-Methyl-2-(7-methyl-[1,2,4]triazolo[1,5-a]pyridin-6-ylamino)-9-(tetrahydro-2H-pyran-4-yl)-7H-purin-8(9H)-one

Structure:



Amount:

CAS number(s): 2230820-11-6

Molecular Formula: C₁₈H₂₀N₈O₂ **Molecular Weight:** 380.40

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Appearance: White solid **Observed mp:** 264 - 266 °C

TLC (R_f): 0.63 DCM/MeOH (9:1)

Chemical Purity: 99.6%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 56.83, H 5.30, N 29.46; Found: C 56.45, H 5.22, N 29.53

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)	9.5	25.0	
	DMSO	4.2	11.0	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 24-4-2024

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