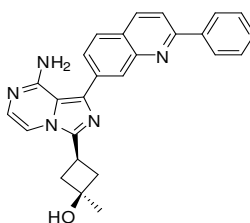


Certificate of Analysis

Axon Catalogue ID: 1702 **Batch Number:** 1
Product Name: OSI 906
Alternative Name(s): Linsitinib
IUPAC Name: (1s,3s)-3-(8-Amino-1-(2-phenylquinolin-7-yl)imidazo[1,5-a]pyrazin-3-yl)-1-methylcyclobutanol

Structure:



Amount:

CAS number(s): 867160-71-2
Molecular Formula: C₂₆H₂₃N₅O **Molecular Weight:** 421.49
Batch Molecular Formula: C₂₆H₂₃N₅O **Batch Molecular Weight:** 421.49
Appearance: Pale-yellow solid **Observed mp:** >148 °C (decomp)
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.2%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 74.09, H 5.50, N 16.62; Found: C ND, H ND, N ND
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	42.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 20-2-2024

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