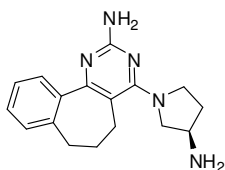


Certificate of Analysis

Axon Catalogue ID: 1990 **Batch Number:** 1
Product Name: A 943931
Alternative Name(s): N.A.
IUPAC Name: 4-[(3R)-3-Amino-1-pyrrolidinyl]-6,7-dihydro-5H-Benzo[6,7]cyclohepta[1,2-d]pyrimidin-2-amine

Structure:



Amount:

CAS number(s): 1027330-97-7
Molecular Formula: C₁₇H₂₁N₅ **Molecular Weight:** 295.38
Batch Molecular Formula: C₁₇H₂₁N₅·0.5H₂O **Batch Molecular Weight:** 304.39
Appearance: Off-white solid **Observed mp:** 191 - 193 °C
TLC (R_f): 0.56 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.4%
Optical Purity (ee): o.p.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.08, H 7.28, N 23.01; Found: C 67.24, H 6.89, N 22.82
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)			Not Tested
	DMSO	30.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 13-04-2021

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