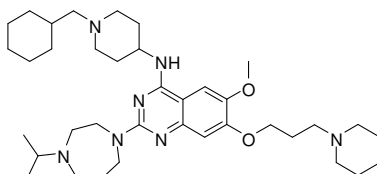




Certificate of Analysis

Axon Catalogue ID: 1841 **Batch Number:** 1
Product Name: UNC0631
Alternative Name(s): N.A.
IUPAC Name: N-(1-(cyclohexylmethyl)piperidin-4-yl)-2-(4-isopropyl-1,4-diazepan-1-yl)-6-methoxy-7-(3-(piperidin-1-yl)propoxy)quinazolin-4-amine

Structure:



Amount:

CAS number(s): 1320288-19-4
Molecular Formula: C37H61N7O2 **Molecular Weight:** 635.93
Batch Molecular Formula: C37H61N7O2.0.75H2O **Batch Molecular Weight:** 649.44
Appearance: Light-brown solid **Observed mp:** ND
TLC (R_f): 0.3 DCM/MeOH/NH₃ (4:1:0.01)
Chemical Purity: >98%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.43, H 9.70, N 15.10; Found: C 68.39, H 10.37, N 15.29
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	64.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 27-11-2018

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