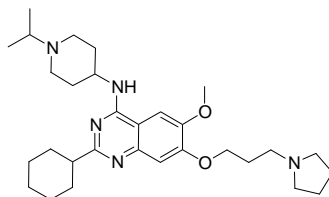




Certificate of Analysis

Axon Catalogue ID: 1889 **Batch Number:** 1
Product Name: UNC 0638
Alternative Name(s): N.A.
IUPAC Name: 2-cyclohexyl-N-(1-isopropylpiperidin-4-yl)-6-methoxy-7-(3-(pyrrolidin-1-yl)propoxy)quinazolin-4-amine

Structure:



Amount:

CAS number: 1255580-76-7
Batch Molecular Formula: C₃₀H₄₇N₅O₂ · 1.25H₂O **Batch MW:** 532.24
Appearance: Off-White solid **Observed m.p.:** 93-94 °C
TLC (R_f): 0.8 EtOAc (Alox)
Chemical Purity: >98% **Wavelength for purity check:** 243 nm
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Store at <4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	1eq. NaOH			Not Tested
	1eq. HCl			Not Tested
	DMSO	40.4	75.91	Soluble
	EtOH			Not Tested

Remarks:

Quality controller: Erik S. Vermeulen, PhD **Date:** 8/13/2012

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only