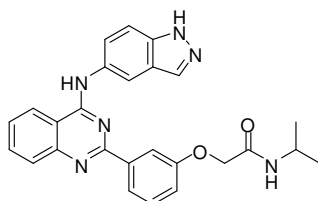




Certificate of Analysis

Axon Catalogue ID: 2780 **Batch Number:** 1
Product Name: KD025
Alternative Name(s): SLx-2119; Belumosudil
IUPAC Name: 2-(3-(4-(1H-Indazol-5-ylamino)quinazolin-2-yl)phenoxy)-N-isopropylacetamide

Structure:



Amount:

CAS number(s): 911417-87-3
Molecular Formula: C₂₆H₂₄N₆O₂ **Molecular Weight:** 452.51
Batch Molecular Formula: C₂₆H₂₄N₆O₂·0.25H₂O **Batch Molecular Weight:** 457.01
Appearance: Off-white solid **Observed mp:** 231 - 233 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.33, H 5.40, N 18.39; Found: C 68.20, H 5.02, N 18.39
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	8.8	19.3	
	DMSO	40.0	87.5	
	EtOH			Not Tested

Remarks:

QC Date: 07-05-2018

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