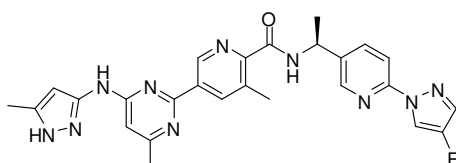




Certificate of Analysis

Axon Catalogue ID: 2667 **Batch Number:** 1
Product Name: RET Inhibitor 2667
Alternative Name(s): N.A.
IUPAC Name: (S)-N-(1-(6-(4-Fluoro-1H-pyrazol-1-yl)pyridin-3-yl)ethyl)-3-methyl-5-(4-methyl-6-(5-methyl-1H-pyrazol-3-ylamino)pyrimidin-2-yl)picolinamide

Structure:



Amount:

CAS number(s): 1980023-80-0
Molecular Formula: C₂₆H₂₅N₁₀O **Molecular Weight:** 512.54
Batch Molecular Formula: C₂₆H₂₅N₁₀O **Batch Molecular Weight:** 512.54
Appearance: White solid **Observed mp:** 218.9 - 223.5 °C
TLC (R_f): 0.25 DCM/MeOH (9:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.93, H 4.92, N 27.33; Found: C ND, H ND, N ND
Storage Conditions: Store 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	30.0	58.5	
	EtOH			Not Tested

Remarks:

QC Date: 15-02-2017

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