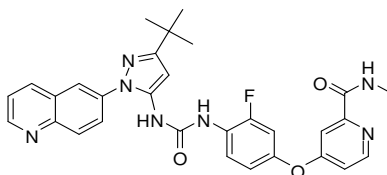




Certificate of Analysis

Axon Catalogue ID: 2123 **Batch Number:** 1
Product Name: Rebastinib
Alternative Name(s): DCC 2036; DP 1919
IUPAC Name: 4-(4-(3-(3-tert-Butyl-1-(quinolin-6-yl)-1H-pyrazol-5-yl)ureido)-3-fluorophenoxy)-N-methylpicolinamide

Structure:



Amount:

CAS number(s): 1020172-07-9
Molecular Formula: C₃₀H₂₈FN₇O₃ **Molecular Weight:** 553.59
Batch Molecular Formula: C₃₀H₂₈FN₇O₃.1H₂O **Batch Molecular Weight:** 571.60
Appearance: White solid **Observed mp:** >130 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 98.5%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.04, H 5.29, N 17.15; Found: C 63.22, H 5.32, N 17.16
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	44.0	77.0	
	EtOH			Not Tested

Remarks:

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