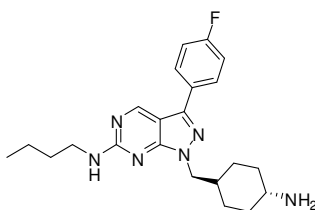




Certificate of Analysis

Axon Catalogue ID: 2086 **Batch Number:** 1
Product Name: UNC569
Alternative Name(s): N.A.
IUPAC Name: 1-((4-Aminocyclohexyl)methyl)-N-butyl-3-(4-fluorophenyl)-1H-pyrazolo[3,4-d]pyrimidin-6-amine

Structure:



Amount:

CAS number(s): 1350547-65-7
Molecular Formula: C₂₂H₂₉FN₆ **Molecular Weight:** 396.50
Batch Molecular Formula: C₂₂H₂₉FN₆·0.25H₂O **Batch Molecular Weight:** 401.01
Appearance: White solid **Observed mp:** 184 °C
TLC (R_f): 0.55 DCM/MeOH/NH₃ (6:1:0.1)
Chemical Purity: 99.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.89, H 7.41, N 20.96; Found: C 65.55, H 7.58, N 20.99
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)	15.0	37.4	
	DMSO	5.5	13.7	
	EtOH			Not Tested

Remarks:

QC Date: 25-9-2023

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