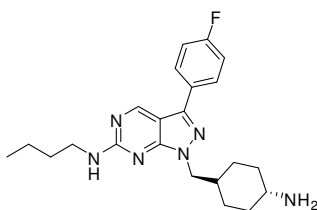




Certificate of Analysis

Axon Catalogue ID: 2086 **Batch Number:** 2
Product Name: UNC569
Alternative Name(s): N.A.
IUPAC Name: 1-(((trans-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: C22H29FN6.0.1H2O **Batch Molecular Weight:** 398.31
Appearance: White solid **Observed mp:** 183.5 - 185.5 °C
TLC (R_f): 0.5 DCM/MeOH/NH₃ (6:1:0.1)
Chemical Purity: 99.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.34, H 7.39, N 21.10; Found: C 66.23, H 7.31, N 21.08
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	14.5	36.4	
DMSO	4.1	10.3	Warming and sonication required
EtOH			Not Tested

Remarks:

QC Date: 23-1-2024

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