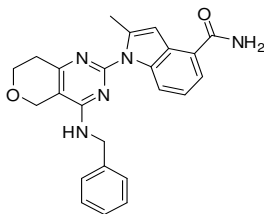




Certificate of Analysis

Axon Catalogue ID: 4170 **Batch Number:** 1
Product Name: CB-5083
Alternative Name(s): N.A.
IUPAC Name: 1-(4-(Benzylamino)-7,8-dihydro-5H-pyrano[4,3-d]pyrimidin-2-yl)-2-methyl-1H-indole-4-carboxamide

Structure:



Amount:

CAS number(s): 1542705-92-9
Molecular Formula: C₂₄H₂₃N₅O₂ **Molecular Weight:** 413.47
Batch Molecular Formula: C₂₄H₂₃N₅O₂·0.25H₂O **Batch Molecular Weight:** 417.98
Appearance: White solid **Observed mp:** 114 - 116 °C
TLC (R_f): 0.5 DCM/MeOH (20:1)
Chemical Purity: 98.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.96, H 5.67, N 16.76; Found: C 68.75, H 5.65, N 16.81
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	41.8	>100 mM	
	EtOH	41.8	>100 mM	

Remarks:

QC Date: 7-3-2024

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