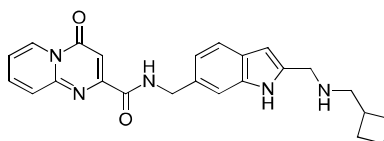




Certificate of Analysis

Axon Catalogue ID: 4401 **Batch Number:** 1
Product Name: STC-15
Alternative Name(s): N.A.
IUPAC Name: N-((2-(((Cyclobutylmethyl)amino)methyl)-6-indolyl)methyl)-4-oxo-1,4a-diaza-4H-naphthalene-2-carboxamide

Structure:



Amount:

CAS number(s): 2648257-56-9
Molecular Formula: C₂₄H₂₅N₅O₂ **Molecular Weight:** 415.49
Batch Molecular Formula: C₂₄H₂₅N₅O₂·0.5H₂O **Batch Molecular Weight:** 424.50
Appearance: Off-white solid **Observed mp:** 170 - 172 °C
TLC (R_f): 0.7 DCM/MeOH (5:2)
Chemical Purity: 99.1%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.91, H 6.17, N 16.50; Found: C 67.88, H 5.89, N 16.38
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)	7.5	17.7	
	DMSO	42.4	>100 mM	
	EtOH	0.0	0.0	Insoluble

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