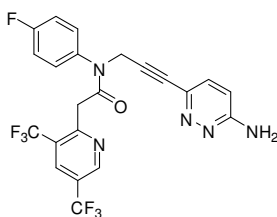


Certificate of Analysis

Axon Catalogue ID: 4003 **Batch Number:** 1
Product Name: RP-6685
Alternative Name(s): N.A.
IUPAC Name: N-(3-(6-Aminopyridazin-3-yl)prop-2-ynyl)-2-(3,5-bis(trifluoromethyl)pyridin-2-yl)-N-(4-fluorophenyl)acetamide

Structure:



Amount:

CAS number(s): 2832047-80-8
Molecular Formula: C₂₂H₁₄F₇N₅O **Molecular Weight:** 497.37
Batch Molecular Formula: C₂₂H₁₄F₇N₅O **Batch Molecular Weight:** 497.37
Appearance: Beige solid **Observed mp:** 195 - 197 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.1%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.13, H 2.84, N 14.08; Found: C 52.78, H 2.81, N 13.88
Storage Conditions: Store at +4 °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	36.0	72.4	
	EtOH	4.5	9.0	* Warming (40°C)

Remarks: * Warming (40°C) enhanced solubility.

QC Date: 23-8-2023

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