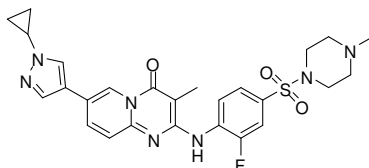




Certificate of Analysis

Axon Catalogue ID: 3186 **Batch Number:** 1
Product Name: NVS-BPTF-1
Alternative Name(s): N.A.
IUPAC Name: 7-(1-Cyclopropyl-1H-pyrazol-4-yl)-2-(2-fluoro-4-(4-methylpiperazin-1-ylsulfonyl)phenylamino)-3-methyl-4H-pyrido[1,2-a]pyrimidin-4-one

Structure:



Amount:

CAS number(s): 2662454-54-6
Molecular Formula: C₂₆H₂₈FN₇O₃S **Molecular Weight:** 537.61
Batch Molecular Formula: C₂₆H₂₈FN₇O₃S.0.5H₂O **Batch Molecular Weight:** 546.62
Appearance: Grey solid **Observed mp:** 246.5 - 248.2 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.13, H 5.35, N 17.94; Found: C 57.05, H 5.17, N 18.12

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)	18.0	32.9	* Warming (40°C) and sonication
	DMSO	14.0	25.6	* Warming (40°C) and sonication
	EtOH			Not Tested

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

QC Date: 21-10-2020

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