



Certificate of Analysis

Axon Catalogue ID:	2714	Batch Number:	1	
Product Name:	SPHINX31			
Alternative Name(s):	N.A.			
IUPAC Name:	N-(2-(4-(Pyridin-2-ylmethyl)piperazin-1-yl)-5-(trifluoromethyl)phenyl)-5-(pyridin-4-yl)furan-2-carboxamide			
Structure:			Amount:	
CAS number(s):	1818389-84-2			
Molecular Formula:	C27H24F3N5O2	Molecular Weight:	507.51	
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Appearance:	Light-pink solid	Observed mp:	173.5 - 175.1 °C	
TLC (R_f):	0.6	DCM/MeOH (9:1)		
Chemical Purity:	99.8%			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 63.90, H 4.77, N 13.80; Found: C 64.06, H 4.67, N 13.81			
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)	8.5	16.7	Yields a light-yellow solution.
	DMSO	11.4	22.5	Requires heating (40°C)
	EtOH			Not Tested
Remarks:				
QC Date:	16-9-2022			

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