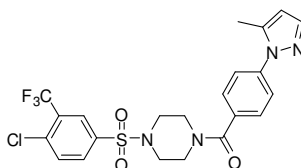




Certificate of Analysis

Axon Catalogue ID: 2426 **Batch Number:** 1
Product Name: SMURF1 inhibitor A01
Alternative Name(s): A01
IUPAC Name: (4-(4-Chloro-3-(trifluoromethyl)phenylsulfonyl)piperazin-1-yl)(4-(5-methyl-1H-pyrazol-1-yl)phenyl)methanone

Structure:



Amount:

CAS number(s): 1007647-73-5
Molecular Formula: C₂₂H₂₀ClF₃N₄O₃S **Molecular Weight:** 512.93
Batch Molecular Formula: C₂₂H₂₀ClF₃N₄O₃S **Batch Molecular Weight:** 512.93
Appearance: Off-white solid **Observed mp:** 187 °C
TLC (R_f): 0.65 DCM/MeOH (20:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 51.51, H 3.93, N 10.92; Found: C 51.38, H 3.59, N 10.88
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)			Not Tested
	DMSO	13.0	25.3	
	EtOH			Not Tested

Remarks:

QC Date: 4-6-2020

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