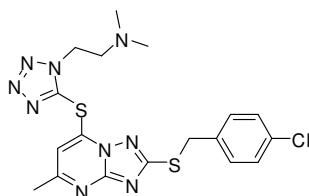




Certificate of Analysis

Axon Catalogue ID: 2984 **Batch Number:** 1
Product Name: WS-383
Alternative Name(s): DCN1-UBC12 interaction inhibitor E31
IUPAC Name: 2-(5-(2-(4-Chlorobenzylthio)-5-methyl-[1,2,4]triazolo[1,5-a]pyrimidin-7-ylthio)-1H-tetrazol-1-yl)-N,N-dimethylethanamine

Structure:



Amount:

CAS number(s): 2247543-65-1
Molecular Formula: C₁₈H₂₀CIN₉S₂ **Molecular Weight:** 461.99
Batch Molecular Formula: C₁₈H₂₀CIN₉S₂ **Batch Molecular Weight:** 461.99
Appearance: Off-white solid **Observed mp:** 143.2 - 145.1 °C
TLC (R_f): 0.5 DCM/MeOH (20:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 46.80, H 4.36, N 27.29; Found: C 46.53, H 4.24, N 27.35
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	8.8	19.0	
	EtOH			Not Tested

Remarks:

QC Date: 19-11-2019

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