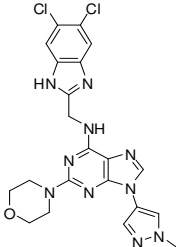




Certificate of Analysis

Axon Catalogue ID:	3184	Batch Number:	1
Product Name:	SR-4835		
Alternative Name(s):	N.A.		
IUPAC Name:	N-((5,6-Dichloro-1H-benzo[d]imidazol-2-yl)methyl)-9-(1-methyl-1H-pyrazol-4-yl)-2-morpholino-9H-purin-6-amine		
Structure:		Amount:	
CAS number(s):	2387704-62-1		
Molecular Formula:	C ₂₁ H ₂₀ Cl ₂ N ₁₀ O	Molecular Weight:	499.36
Batch Molecular Formula:	C ₂₁ H ₂₀ Cl ₂ N ₁₀ O	Batch Molecular Weight:	499.36
Appearance:	White solid	Observed mp:	>275 °C (decomp)
TLC (R_f):	0.3	DCM/MeOH (9:1)	
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 50.51, H 4.04, N 28.05; Found: C 50.34, H 4.00, N 27.99		
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	15.3	30.7 Requires warming (40°C)
	EtOH		Not Tested
Remarks:			
QC Date:	21-09-2020		

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