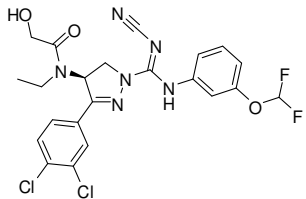


Certificate of Analysis

Axon Catalogue ID:	2635	Batch Number:	1
Product Name:	BAY-598		
Alternative Name(s):	N.A.		
IUPAC Name:	(S,Z)-N-(1-(N'-cyano-N-(3-(difluoromethoxy)phenyl)carbamidoyl)-3-(3,4-dichlorophenyl)-4,5-dihydro-1H-pyrazol-4-yl)-N-ethyl-2-hydroxyacetamide		
Structure:			Amount:
CAS number(s):	1906919-67-2		
Molecular Formula:	C22H20Cl2F2N6O3	Molecular Weight:	525.34
Batch Molecular Formula:	C22H20Cl2F2N6O3	Batch Molecular Weight:	525.34
Appearance:	White solid	Observed mp:	105 °C
TLC (R_f):	0.51	EtOAc	
Chemical Purity:	98.8%		
Optical Purity (ee):	99.2%		
Optical Rotation (Det.):	[α] _D = -90.0° with c = 0.88 in MeOH		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 50.30, H 3.84, N 16.00; Found: C 49.90, H 3.66, N 15.86		
Storage Conditions:	Store at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	52.5	>100 mM
	EtOH		
			Insoluble
			Not Tested
			Not Tested
			Not Tested
Remarks:			
QC Date:	26-8-2022		

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