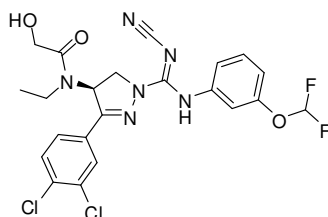




Certificate of Analysis

Axon Catalogue ID: 2635 **Batch Number:** 1
Product Name: BAY-598
Alternative Name(s): N.A.
IUPAC Name: (S)-N-(1-(N'-Cyano-N-(3-(difluoromethoxy)phenyl)carbamimidoyl)-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: 98.9%
Optical Purity (ee): 99.2%
¹H-NMR (300 MHz): 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)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	52.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 07-08-2017

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