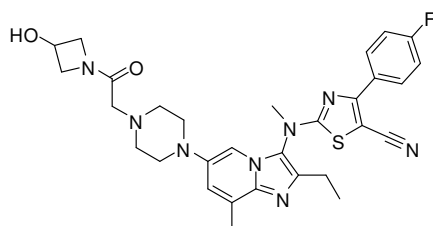




Certificate of Analysis

Axon Catalogue ID: 3094 **Batch Number:** 1
Product Name: GLPG1690
Alternative Name(s): Ziritaxestat
IUPAC Name: 2-((2-Ethyl-6-(4-(2-(3-hydroxyazetidin-1-yl)-2-oxoethyl)piperazin-1-yl)-8-methylimidazo[1,2-a]pyridin-3-yl)(methyl)amino)-4-(4-fluorophenyl)thiazole-5-carbonitrile

Structure:



Amount:

CAS number(s): 1628260-79-6
Molecular Formula: C₃₀H₃₃FN₈O₂S **Molecular Weight:** 588.70
Batch Molecular Formula: C₃₀H₃₃FN₈O₂S.0.5H₂O **Batch Molecular Weight:** 597.71
Appearance: Beige solid **Observed mp:** 212.8 - 215.3 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 98.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.28, H 5.73, N 18.75; Found: C 60.13, H 5.59, N 18.65
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	32.0	53.5	
	EtOH			Not Tested

Remarks:

QC Date: 06-07-2020

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