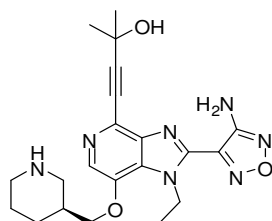




Certificate of Analysis

Axon Catalogue ID: 1729 **Batch Number:** 2
Product Name: GSK 690693
Alternative Name(s): N.A.
IUPAC Name: (S)-4-(2-(4-Amino-1,2,5-oxadiazol-3-yl)-1-ethyl-7-(piperidin-3-ylmethoxy)-1H-imidazo[4,5-c]pyridin-4-yl)-2-methylbut-3-yn-2-ol

Structure:



Amount:

CAS number(s): 937174-76-0
Molecular Formula: C₂₁H₂₇N₇O₃ **Molecular Weight:** 425.48
Batch Molecular Formula: C₂₁H₂₇N₇O₃·0.25H₂O **Batch Molecular Weight:** 429.99
Appearance: Off-white solid **Observed mp:** 220 °C (decomp)
TLC (R_f): 0.3 DCM/MeOH/NH₃ (4:1:0.1)
Chemical Purity: 99.7%
Optical Purity (ee): Optically pure
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.66, H 6.45, N 22.80; Found: C 58.63, H 6.41, N 22.85
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)	7.5	17.4	
	DMSO	15.3	35.6	
	EtOH			Not Tested

Remarks:

QC Date: 17-07-2019

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