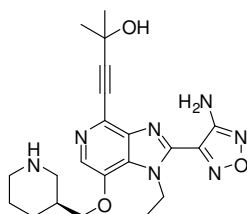




Certificate of Analysis

Axon Catalogue ID: 1729 **Batch Number:** 6
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: C₂₁H₂₇N₇O₃·0.5H₂O **Batch Molecular Weight:** 434.49
Appearance: Off-white solid **Observed mp:** >207 °C (decomp)
TLC (R_f): 0.24 DCM/MeOH/NH₃ (1:1:0.1)
Chemical Purity: 99.2%
Optical Purity (ee): Optically pure
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.05, H 6.50, N 22.57; Found: C 57.86, H 6.31, N 22.65
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) | 5.0 | 11.5 | |
| | DMSO | 28.0 | 64.4 | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 09-04-2021

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