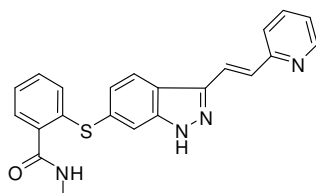


Certificate of Analysis

Axon Catalogue ID: 1414 **Batch Number:** 2
Product Name: AG 013736
Alternative Name(s): Axitinib
IUPAC Name: N-methyl-2-[[3-[(E)-2-pyridin-2-ylethenyl]-1H-indazol-6-yl]sulfonyl]benzamide

Structure:



Amount:

CAS number(s): 319460-85-0
Molecular Formula: C₂₂H₁₈N₄O₂ **Molecular Weight:** 386.47
Batch Molecular Formula: C₂₂H₁₈N₄O₂ **Batch Molecular Weight:** 386.47
Appearance: White solid **Observed mp:** 226 - 228 °C
TLC (R_f): 0.52 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.37, H 4.69, N 14.50; Found: C 68.32, H 4.44, N 14.49
Storage Conditions: Store at +4 °C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|------------------|----------------|--------------------|-----------------|--------------------------------|
| | Water | | | Not Tested |
| | 0.1N NaOH (aq) | | | Not Tested |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | 28.3 | 73.3 | Sonication and warming (40 °C) |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 11-03-2019

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