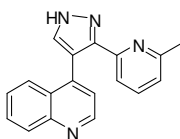




Certificate of Analysis

Axon Catalogue ID: 1744 **Batch Number:** 1
Product Name: A 77-01
Alternative Name(s): N.A.
IUPAC Name: 4-(3-(6-Methylpyridin-2-yl)-1H-pyrazol-4-yl)quinoline

Structure:



Amount:

CAS number(s): 607737-87-1
Molecular Formula: C₁₈H₁₄N₄ **Molecular Weight:** 286.33
Batch Molecular Formula: C₁₈H₁₄N₄ **Batch Molecular Weight:** 286.33
Appearance: Off-white solid **Observed mp:** 208 - 210 °C
TLC (R_f): 0.3 DCM/MeOH (20:1)
Chemical Purity: >99%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 75.50, H 4.93, N 19.57; Found: C ND, H ND, N ND
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 | 28.0 | 97.8 | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 31-8-2023

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