



Certificate of Analysis

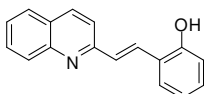
Axon Catalogue ID: 2620 **Batch Number:** 1

Product Name: Quininib

Alternative Name(s): N.A.

IUPAC Name: (E)-2-(2-(Quinolin-2-yl)vinyl)phenol

Structure:



Amount:

CAS number(s): 143816-42-6

Molecular Formula: C₁₇H₁₃NO

Molecular Weight: 247.29

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Appearance: Yellow solid

Observed mp: 216 - 216.7 °C

TLC (R_f): 0.75 DCM/MeOH (9:1)

Chemical Purity: 99.0%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 82.57, H 5.30, N 5.66; Found: C 82.51, H 5.32, N 5.63

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) | 0.0 | 0.0 | Insoluble |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | 24.7 | >100 mM | |
| | EtOH | | | Not Tested |

Remarks: NMR indicates the presence of 0.65 mol% MeOH

QC Date: 7-1-2022

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