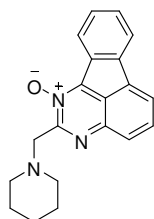


Certificate of Analysis

Axon Catalogue ID: 3277 **Batch Number:** 1
Product Name: NSC194598
Alternative Name(s): N.A.
IUPAC Name: 2-(Piperidin-1-ylmethyl)indeno[1,2,3-de]quinazoline 1-oxide

Structure:



Amount:

CAS number(s): 5358-76-9
Molecular Formula: C₂₀H₁₉N₃O **Molecular Weight:** 317.38
Batch Molecular Formula: C₂₀H₁₉N₃O **Batch Molecular Weight:** 317.38
Appearance: Yellow solid **Observed mp:** 155.0 - 156.6 °C
TLC (R_f): 0.36 DCM/MeOH (20:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 75.69, H 6.03, N 13.24; Found: C 75.52, H 5.95, N 13.37
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) | 6.3 | 19.8 | |
| | DMSO | 8.3 | 26.2 | * Warming (40°C) |
| | EtOH | | | Not Tested |

Remarks: * Warming (40°C) enhanced solubility.

QC Date: 18-02-2021

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