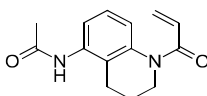




Certificate of Analysis

Axon Catalogue ID: 4302 **Batch Number:** 1
Product Name: 1ACTA
Alternative Name(s): N.A.
IUPAC Name: N-(1-Acryloyl-1,2,3,4-tetrahydro-5-quinolyl)acetamide

Structure:



Amount:

CAS number(s): 2196076-49-8
Molecular Formula: C₁₄H₁₆N₂O₂ **Molecular Weight:** 244.29
Batch Molecular Formula: C₁₄H₁₆N₂O₂ **Batch Molecular Weight:** 244.29
Appearance: White solid **Observed mp:** 148.6 - 150.8 °C
TLC (R_f): 0.72 DCM/MeOH (9:1)
Chemical Purity: 99.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.83, H 6.60, N 11.47; Found: C 68.57, H 6.55, N 11.50
Storage Conditions: Store at -20 °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) | | | Not Tested |
| | DMSO | 24.4 | >100 mM | |
| | EtOH | 24.4 | >100 mM | |

Remarks:

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