



Certificate of Analysis

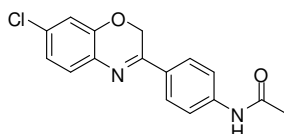
Axon Catalogue ID: 2902 **Batch Number:** 1

Product Name: QX77

Alternative Name(s): N.A.

IUPAC Name: N-(4-(7-Chloro-2H-benzo[b][1,4]oxazin-3-yl)phenyl)acetamide

Structure:



Amount:

CAS number(s): 1798331-92-6

Molecular Formula: C₁₆H₁₃ClN₂O₂

Molecular Weight: 300.74

Batch Molecular Formula: C₁₆H₁₃ClN₂O₂·0.5H₂O

Batch Molecular Weight: 309.75

Appearance: Off-white solid

Observed mp: >215 °C (decomp.)

TLC (R_f): 0.5 DCM/MeOH (20:1)

Chemical Purity: 98.8%

Optical Purity (ee): N.A.

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 62.04, H 4.56, N 9.04; Found: C 62.40, H 4.21, N 9.14

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) | | | Not Tested |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | 31.0 | >100 mM | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 14-11-2018

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