



## **Certificate of Analysis**

**Compound Information** 

**Product Name:** (S,E)-N-(4-((3-Chloro-4-fluorophenyl)amino)-7-((tetrahydrofuran-3-yl)oxy)quinazolin-6-yl)but-2-

enamide (Afatinib Impurity)

**Cat. No.:** 1234906

**CAS No.:** 2223677-64-1 **Molecular Formula:** C<sub>22</sub>H<sub>20</sub>CIFN<sub>4</sub>O<sub>3</sub>

Molecular Weight: 442.87

**Chemical Structure:** 

**Batch Information** 

**Batch No.:** Le1129110697

**Storage:** 2-8°C, protect from light

 Test Date:
 2021-12-01

 Retest Date:
 2024-11-30

Origin: Shanghai, China

**QC Summary** 

Appearance: Off-white to light yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

**Purity (LCMS):** 99.85%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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