



## **Certificate of Analysis**

**Compound Information** 

Product Name: (E)-N-(4-((3-Chloro-4-fluorophenyl)amino)-7-fluoroquinazolin-6-yl)-4-(dimethylamino)but-2-

enamide (Afatinib Impurity)

**Cat. No.:** 1234959

**CAS No.:** 2170273-17-1 **Molecular Formula:** C<sub>20</sub>H<sub>18</sub>ClF<sub>2</sub>N<sub>5</sub>O

Molecular Weight: 417.84

**Chemical Structure:** 

**Batch Information** 

**Batch No.:** Le1129110707

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

**Test Date**: 2021-11-01 **Retest Date**: 2024-10-31

Origin: Shanghai, China

**QC Summary** 

Appearance: Off-white to light yellow (Solid)

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

**Purity (NMR):** ≥97.0%

**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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