



## **Certificate of Analysis**

**Compound Information** 

**Product Name:** (2Z)-4-(Dimethylamino)-2-butenoic Acid (Afatinib Impurity)

Cat. No.: 1234871

**CAS No.:** 1092365-58-6

Molecular Weight: 129.16

**Chemical Structure:** 

N O OH

**Batch Information** 

Batch No.: L333923

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

**Test Date:** 2024-01-16 **Retest Date:** 2027-01-15

Origin: Shanghai, China

**QC Summary** 

Appearance: Light brown to brown (Solid)

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

MS: Consistent with structure

**Purity (NMR):** ≥98.0%

**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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