



## CERTIFICATE OF ANALYSIS

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### 1. Identification

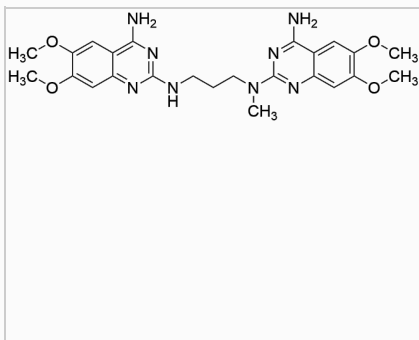
**Catalogue Number:** D297955

**CAS Number:** 928780-95-4

**Product:** N-Des-tetrahydrofuran N-(6,7-Dimethoxy-4,4a-dihydroquinazolin-4-amine) Alfuzosin

**Synonym:** N2-(3-((4-Amino-6,7-dimethoxyquinazolin-2-yl)amino)propyl)-6,7-dimethoxy-N2-methylquinazoline-2,4-diamine; Alfuzosin Impurity G;

**Structure:**



**Molecular Formula:**

C<sub>24</sub>H<sub>30</sub>N<sub>8</sub>O<sub>4</sub>

**Molecular weight:**

494.55

**Source of Product:**

Synthetic

**Solubility:**

No Data Available

**Lot Number:** 23-DPP-11-2

**Purity:** 97%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

| Tests:             | Specifications:               | Results:                          |
|--------------------|-------------------------------|-----------------------------------|
| Appearance         | Pale Orange to Pale Red Solid | Pale Orange to Pale Red Solid     |
| HPLC Purity        | Report Result                 | 98.48% (240 nm)                   |
| Elemental Analysis | Conforms                      | %C: 53.09, %H: 6.56, %N: 20.44    |
| MS                 | Conforms to Structure         | Conforms                          |
| NMR                | Conforms to Structure         | Conforms                          |
| Water Content      | Report Result                 | ~8.5% based on Elemental Analysis |

**Additional Information:**

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

**Reviewed By**

**Reviewed By**

**C of A Approved By**

**Test Date**

**Retest Date**

Swathi Reddy

Toni Rantanen

Chanell Chu

3/7/2022

3/5/2026