

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD012012-01)

Release Date: 24/01/2023

Re-test Date: 23/01/2026

## Doxazosin EP Impurity G

### Identification

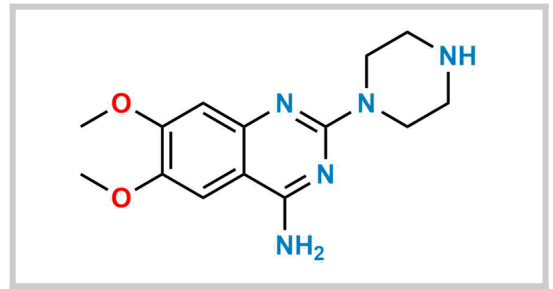
**Chemical Name :**  
6,7-Dimethoxy-2-(piperazin-1-yl)quinazolin-4-amine

**CAT No.** : KMD012012

**CAS No.** : 60547-97-9

**Molecular Formula** : C<sub>14</sub>H<sub>19</sub>N<sub>5</sub>O<sub>2</sub>

**Molecular Weight** : 289.3



### Analytical Information

**Batch No.** : DOX-EPG-011-066

**Description** : Light Brown Solid

**HPLC Purity** : 98.53 %

**% Potency** : 98.53 %

**Solubility** : ACN : Water (1:1)

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - ] x [98.53(HPLC Purity)]/100 = 98.53 %

-Re-tested on 24.01.2023

-COA re-generated on 07.10.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		07/10/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		07/10/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA