

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC014002-01)

Release Date: 30/03/2024

Re-test Date: 29/03/2027

## Nitroso Clobazam EP Impurity F

### Identification

**Chemical Name :**

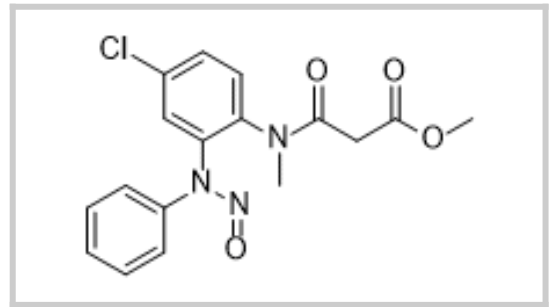
methyl 3-((4-chloro-2-(nitroso(phenyl)amino)phenyl)(methyl)amino)-3-oxopropanoate

**CAT No.** : KMC014002

**CAS No.** : Not Available

**Molecular Formula** : C<sub>17</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>4</sub>

**Molecular Weight** : 361.78



### Analytical Information

**Batch No.** : CLO-EPF-NO-073-138

**Description** : Brown Thick Syrup

**HPLC Purity** : 94.03 %

**Weight Loss By TGA** : 3.03 %

**% Potency** : 91.18 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

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

**<sup>13</sup>C 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 - 3.03(Weight Loss By TGA)] x [94.03(HPLC Purity)]/100 = 91.18 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/04/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA