

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 :

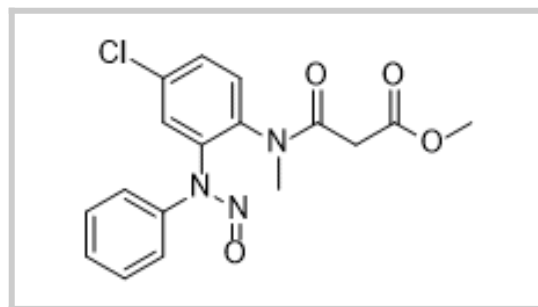
methyl 3-((4-chloro-2-(nitroso(phenyl)amino)phenyl)(methyl)amino)-3-oxopropanoate

CAT No. : KMC014002

CAS No. : Not Available

Molecular Formula : C₁₇H₁₆ClN₃O₄

Molecular Weight : 361.78



Analytical Information

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

Solubility : ACN

Description : Brown Thick Syrup

Mass : Confirm

HPLC Purity : 94.03 %

IR : Confirm

Weight Loss By TGA : 3.03 %

¹H NMR : Confirm

% Potency : 91.18 %

¹³C 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, ¹HNMR, ¹³CNMR, IR and TGA