

CERTIFICATE OF ANALYSIS

(Certificate No. KMB003064-01)

Release Date: 22/07/2023

Re-test Date: 21/07/2026

N-Nitroso Bupropion

Identification

Chemical Name :

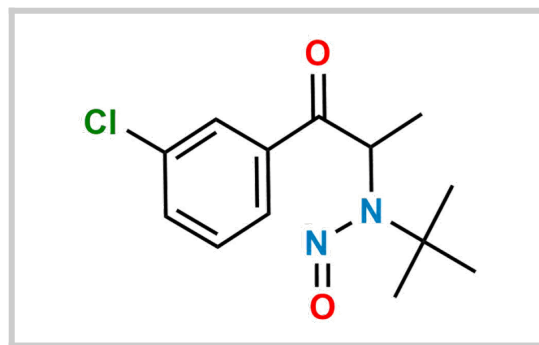
N-(Tert-butyl)-N-(1-(3-chlorophenyl)-1-oxopropan-2-yl)nitrous amide

CAT No. : KMB003064

CAS No. : 2763780-10-3

Molecular Formula : C₁₃H₁₇ClN₂O₂

Molecular Weight : 268.7



Analytical Information

Batch No. : BUP-N-NO-030-105

Description : Off White Solid

HPLC Purity : 98.98 %

Weight Loss By TGA : 0.72 %

% Potency : 98.27 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 0.72(Weight Loss By TGA)] x [98.98(HPLC Purity)]/100 = 98.27 %

Remarks : COA Re-generated on 21.10.2024

-¹³CNMR added on 19.10.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/10/2024

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA