CERTIFICATE OF ANALYSIS

(Certificate No. KMB003064-01)

Release Date: 22/07/2023 **Re-test Date:** 21/07/2026

N-Nitroso Bupropion

Identification

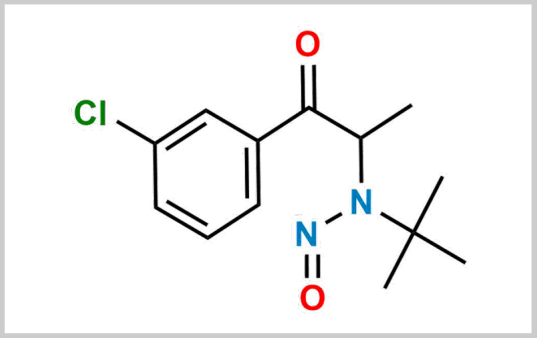
Chemical Name :
N-(Tert-butyl)-N-(1-(3-chlorophenyl)-1-oxopropan-2-yl)nitrous amide

CAT No. : KMB003064

CAS No. : 2763780-10-3

Molecular Formula : C13H17ClN2O2

Molecular Weight : 268.7



Analytical Information

Batch No.	: BUP-N-NO-030-105	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.98 %	**IR**	: Confirm
Weight Loss By TGA	: 0.72 %	**1H NMR**	: Confirm
% Potency	: 98.27 %	**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