

CERTIFICATE OF ANALYSIS

(Certificate No. KMT188019-01)

Release Date: 25/03/2026

Re-test Date: 24/03/2029

N-Nitroso Trimebutine Impurity 1

Identification

Chemical Name :

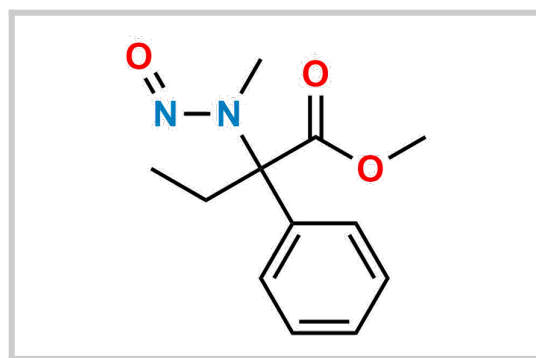
Methyl 2-(methyl(nitroso)amino)-2-phenylbutanoate

CAT No. : KMT188019

CAS No. : Not Available

Molecular Formula : C₁₂H₁₆N₂O₃

Molecular Weight : 236.3



Analytical Information

Batch No. : T188019-114-225

Description : Light Yellow Thick Syrup

HPLC Purity : 99.08 %

Weight Loss By TGA : 0.35 %

% Potency : 98.73 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H 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 - 0.35(Weight Loss By TGA)] x [99.08(HPLC Purity)]/100 = 98.73 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		25/03/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA