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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

Product Name: N-Nitroso Elexacaftor Impurity 1

Identification:

Chemical Name: 2,2,4-trimethyl-1-nitrosopyrrolidine

Synonyms : NA

CAS Number : NA

CAT Number : CP-E84014

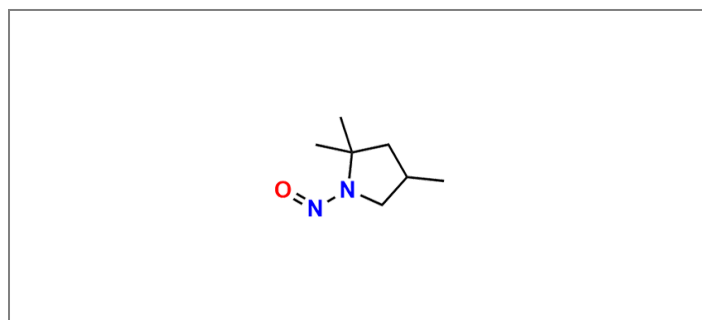
Molecular Formula : C₇H₁₄N₂O

Molecular Weight : 142.2

Batch Number : CP-43-16

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Liquid
2)	Solubility	Soluble in Methanol/CDCl ₃
3)	MASS By LCMS	Confirm to structure
4)	Purity by HPLC	98.76%
5)	¹ HNMR	Confirm to Structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.