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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2026

Product Name: Tramadol Impurity 1

Identification:

Chemical Name: 8a-(3-Methoxyphenyl)-3-methyloctahydro-2H-benzo[e][1,3]oxazine

Synonyms : NA

CAS Number : NA

CAT Number : CP-T28010

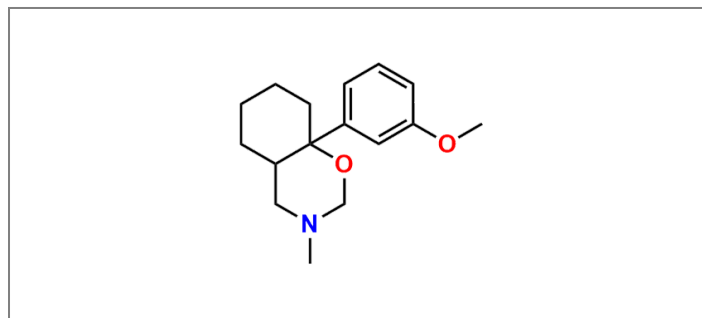
Molecular Formula : C₁₆H₂₃NO₂

Molecular Weight : 261.37

Batch Number : CP-TRA-01-0624

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	88.15%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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