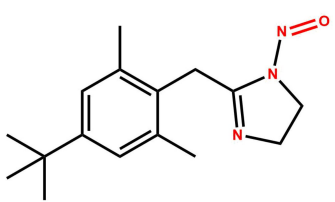


CERTIFICATE OF ANALYSIS

Date: 27-12-2024

Product Name	N-Nitroso Oxymetazoline Impurity 2		
Chemical Name	2-(4-(tert-butyl)-2,6-dimethylbenzyl)-1-nitroso-4,5-dihydro-1H-imidazole		
Structure	 <p>The chemical structure shows a 4,5-dihydro-1H-imidazole ring with a nitroso group (-N=O) attached to the nitrogen atom. This imidazole ring is connected via a methylene group (-CH2-) to a benzene ring. The benzene ring is substituted with a tert-butyl group and two methyl groups at the 2 and 6 positions.</p>		
Inv. Status	Justification	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₁₆ H ₂₃ N ₃ O	Molecular Wt.	273.38
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
¹ H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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