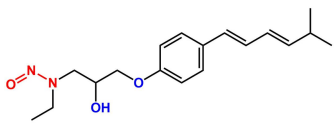


# CERTIFICATE OF ANALYSIS

Date: 27-12-2024

<b>Product Name</b>	<b>N-Nitroso Bisoprolol Impurity 13</b>		
<b>Chemical Name</b>	N-ethyl-N-(2-hydroxy-3-(4-((1E,3E)-5-methylhexa-1,3-dien-1-yl)phenoxy)propyl)nitrous amide		
<b>Structure</b>	 <p>The chemical structure shows a central benzene ring. At the 1-position, there is a propyl chain with a hydroxyl group (-OH) at the 2-position and a nitroso group (-N=O) at the 3-position. At the 4-position, there is a phenoxy group (-O-C6H4-). At the 5-position, there is a (1E,3E)-5-methylhexa-1,3-dien-1-yl group.</p>		
<b>Inv. Status</b>	-	<b>CAS No.</b>	NA
<b>Analysis Date</b>	-	<b>Retest Date</b>	-
<b>Mol. Formula</b>	C <sub>18</sub> H <sub>26</sub> N <sub>2</sub> O <sub>3</sub>	<b>Molecular Wt.</b>	318.42
<b>Long term Storage Condition</b>	Store at 2-8 °C in well closed container		
<b>Handling and Transit Condition</b>	25-30 °C in well closed container		

<b>Test</b>	<b>Result</b>
Appearance	-
Solubility	-
<sup>1</sup> H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%
<b>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.</b>	

	<b>Prepared By</b>	<b>Checked By</b>	<b>Approved By</b>
<b>Signature</b>			
<b>Date</b>			

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