



COMMITTED FOR CHEMISTRY

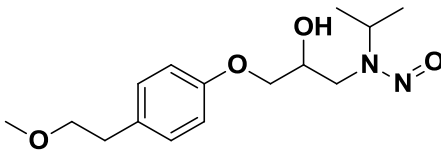
## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> N-Nitroso Metoprolol		
<b>CAS NO:</b> 138768-62-4		
<b>Batch No:</b> SRC-111-RM-326		
<b>Date of Analysis:</b> 11 Jan 2023		
<b>Retest Date:</b> 10 Jan 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	N-(2-Hydroxy-3-(4-(2-methoxyethyl)phenoxy)propyl)-N-isopropyl nitrous amide	
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>24</sub> N <sub>2</sub> O <sub>4</sub>	
<b>Molecular Weight</b>	296.4g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Pale Yellow Oil
2)	<b>Solubility</b>	Soluble in DMSO, Methanol
3)	<b>Identification</b>	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure
4)	<b>Purity by HPLC</b>	98.91%(78.51+20.40)(Rotamers)
<b>Long Term Storage condition</b>		Store at 2 <sup>0</sup> to 8 <sup>0</sup> c
<b>Shipping Condition</b>		Ambient
<b>Note:</b> This is only for Analytical testing purpose, not for Human or Animal Consumption.		
<b>Note:</b> N-Nitroso Metoprolol Impurity is highly toxic organic compound and suspected human carcinogen. Handle the material carefully with proper safety measures.		
	Signature	Date
Checked By		
Approved By		

