

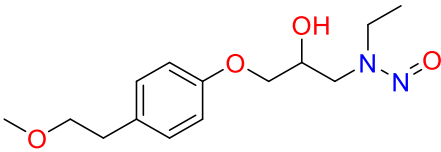


COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: N-Nitroso Metoprolol Impurity A		
CAS NO: NA		 SRC CAT No : SRC-N014012
Batch No: SRC-138-AM-082		
Date of Analysis: 15 May 2024		
Retest Date: 15 May 2026		
Structure:		
		
Chemical Name		N-ethyl-N-(2-hydroxy-3-(4-(2-methoxyethyl)phenoxy)propyl) nitrous amide
Molecular Formula		C ₁₄ H ₂₂ N ₂ O ₄
Molecular Weight		282.34g/mol
Sr. No.	Test	Result
1)	Description	Pale Yellow Oil
2)	Solubility	Soluble In DMSO, Methanol
3)	Identification	
	Mass	Confirm to structure
	¹ H NMR	Confirm to structure
	IR	Confirm to structure
4)	Purity by HPLC	99.68 %
Long Term Storage condition		Store at 2 ⁰ to 8 ⁰ c
Shipping Condition		Ambient
Note: This is only for Analytical testing purpose, not for Human or Animal Consumption.		
Note: N-Nitroso Metoprolol Impurity A is a highly toxic semi-volatile organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures.		
Signature		Date
Checked By		
Approved By		

