



COMMITTED FOR CHEMISTRY

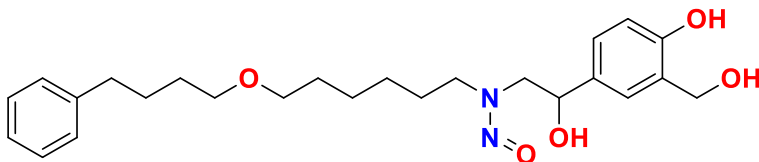
SYNCHEMIA RESEARCH CHEMICAL

Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Pune-412115, Maharashtra India.

Mob.No - 9404317505 / 7276018915 . Website : <http://www.synchemia.com>

info@synchemia.com | sales@synchemia.com | export@synchemia.com

CERTIFICATE OF ANALYSIS

Product Name: Salmeterol Nitroso Impurity		
CAS NO: NA		[SRC CAT NO: SRC-N014670
Batch No: SRC-169-SJ-136		
Date of Analysis: 15June 2024		
Retest Date: 15June 2026		
Structure:		
		
Chemical Name		N-(2-Hydroxy-2-(4-hydroxy-3-(hydroxymethyl)phenyl)ethyl)-N-(6-(4-phenylbutoxy)hexyl)nitrous amide
Molecular Formula		C ₂₅ H ₃₆ N ₂ O ₅
Molecular Weight		444.6g/mol
Sr. No.	Test	Result
1)	Description	Light Green Solid
2)	Solubility	Soluble in DMSO, Methanol
3)	Identification	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure
4)	Purity by HPLC	98.56% (67.47+31.09=98.56) (Mixture Of Rotamers)
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- Salmeterol Nitroso Impurity is a highly toxic organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures		
	Signature	Date
Checked By		
Approved By		

