

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB009066-01)

Release Date: 20/04/2026

Re-test Date: 19/04/2029

## N-Nitroso Bisoprolol

### Identification

**Chemical Name :**

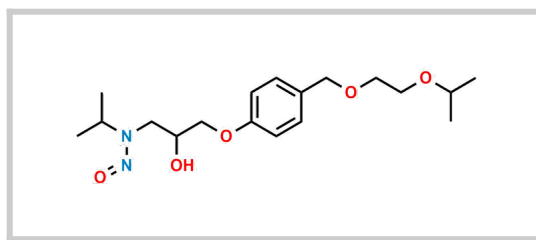
N-(2-Hydroxy-3-(4-((2-isopropoxyethoxy)methyl)phenoxy)propyl)-N-isopropyl nitrous amide (Mixture of isomer)

CAT No. : KMB009066

CAS No. : 2820170-76-9

Molecular Formula : C<sub>18</sub>H<sub>30</sub>N<sub>2</sub>O<sub>5</sub>

Molecular Weight : 354.4



### Analytical Information

Batch No. : B009066-114-053

Description : Light Yellow Liquid

HPLC Purity : 99.75 %

Weight Loss By TGA : 1.00 %

% Potency : 98.75 %

Solubility : ACN

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.00(Weight Loss By TGA)] x [99.75(HPLC Purity)]/100 = 98.75 %  
-Mixture of isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		20/04/2026

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA