

1. Identification

Catalogue Number

N404681

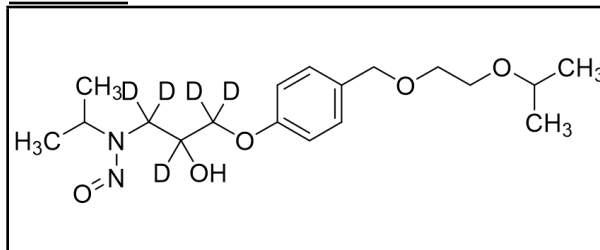
Lot Number

24-KSS-104-2

Product Name

N-Nitroso Bisoprolol-D₅

Structure



Synonyms

N-(2-hydroxy-3-(4-((2-isopropoxyethoxy)methyl)phenoxy)propyl-1,1,2,3,3-d5)-N-isopropyl nitrous amide

CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₈H₂₅D₅N₂O₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

359.5

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Pale Yellow Oil

Results

Clear Pale Yellow Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 59.46, %H: 8.29, %N: 7.61

HPLC Purity

>95%

96.78% (225 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

96.3%

Additional Information

Normalized Intensity: d₀ = 0.08%, d₁ = 0.22%, d₂ = 0.80%, d₃ = 5.36%, d₄ = 4.24%, d₅ = 89.30%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Meenakshi Sharma
Product Quality Specialist

Reviewed by

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Chanell Chu
Quality Assurance Associate

Test Date

5/6/2024

Retest Date

5/4/2028