

1. Identification

Catalogue Number

M325740

Lot Number

4-JFI-187-2

Product Name

4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol

Synonyms

α -[3-(Methylnitrosoamino)propyl]-3-pyridinemethanol; 4-(N-Methyl-N-nitrosamino)-1-(3-pyridyl)butan-1-ol; rac NNAL;

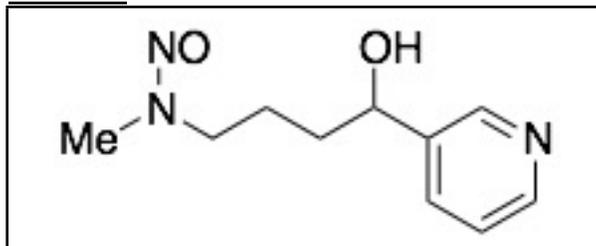
CAS Number

76014-81-8

Solubility

Chloroform (Slightly), Methanol (Slightly)

Structure



Molecular Formula

C₁₀H₁₅N₃O₂

Source of Product

Synthetic

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Weight

209.24

Purity

>95%

Long Term Storage Conditions

4°C, Inert atmosphere

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Yellow Oil to Thick Oil

Results

Clear Colourless to Pale Yellow Thick Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 57.31, %H: 7.20, %N: 19.91

HPLC Purity

>95%

99.94% (230 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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

Sarbjit Kaur

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

3/8/2024

Retest Date

3/6/2028