



CERTIFICATE OF ANALYSIS

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1. Identification

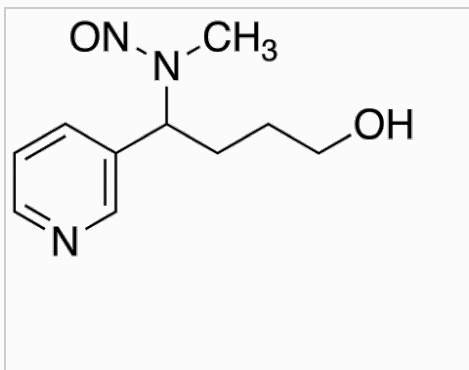
Catalogue Number: M325700

CAS Number: 59578-66-4

Product: 4-(N-Methyl-N-nitrosamino)-4-(3-pyridyl)butane-1-ol

Synonym: δ -(Methylnitrosoamino)-3-pyridinebutanol; iso-NNAL;

Structure:



Molecular Formula:

C₁₀H₁₅N₃O₂

Molecular weight:

209.25

Source of Product:

Synthetic

Solubility:

Chloroform (Soluble), Ethyl Acetate, Methanol (Slightly)

Lot Number: 6-RCD-78-3

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Dark Brown Oil to Thick Oil	Yellow to Dark Orange Oil to Thick Oil
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.44% (235 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-0.5° (c = 0.2, Methanol)

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	4/1/2022	3/30/2026