

## 1. Identification

Catalogue Number

N525482

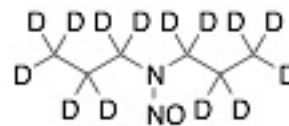
Lot Number

2024-TCO-063

Product Name

N-Nitrosodipropylamine-d14

Structure



Synonyms

N-Nitroso-N-propyl-1-propanamine-d14; N,N-Dipropylnitrosamine-d14; N-Nitroso-N-di-n-propylamine-d14; N-Nitrosodi-n-propylamine-d14; N-Nitrosodipropylamine-d14; NSC 133-d14; N-Nitroso-N-(propyl-d7)-1-propan-1,1,2,2,3,3,3-d7-amine

CAS Number

93951-96-3

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>6</sub>D<sub>14</sub>N<sub>2</sub>O

Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

144.28

Purity

98%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

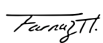


<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless to Light Yellow Oil	Colourless to Light Yellow Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.00, %H: 9.76, %N: 20.39
HPLC Purity	Report Result	99.77% (235 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	>99.9%

### Additional Information

Normalized Intensity: d<sub>0</sub> = 0.00%, d<sub>1</sub> = 0.00%, d<sub>2</sub> = 0.00%, d<sub>3</sub> = 0.00%, d<sub>4</sub> = 0.00%, d<sub>5</sub> = 0.00%, d<sub>6</sub> = 0.01%, d<sub>7</sub> = 0.00%, d<sub>8</sub> = 0.01%, d<sub>9</sub> = 0.00%, d<sub>10</sub> = 0.00%, d<sub>11</sub> = 0.00%, d<sub>12</sub> = 0.02%, d<sub>13</sub> = 0.00%, d<sub>14</sub> = 99.96%

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			7/5/2024	7/3/2028
Farnaz Mahmoudi	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		