



## 1. Identification

### Catalogue Number

D416657

### Lot Number

6-JED-168-1

### Product Name

rac 1,2-Diaminopropane-d6

### Synonyms

1,2-Propanediamine; (-)-1,2-Diaminopropane; (RS)-1,2-Propanediamine; 1,2-Propylenediamine; 1-Methyl-1,2-diaminoethane; DL-1,2-Propanediamine; N,N'-Dimethyl-1,2-diaminopropane; NSC 175731;

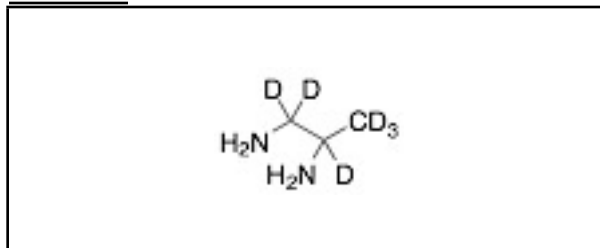
### CAS Number

1173018-88-6

### Solubility

Chloroform (Slightly), Methanol (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>3</sub>H<sub>4</sub>D<sub>6</sub>N<sub>2</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

4°C, Inert atmosphere

### Molecular Weight

80.16

### Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
GC Purity	>95%	99.42%
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.3%

### Additional Information

Normalized Intensity: d<sub>0</sub> = 0.02%, d<sub>1</sub> = 0.31%, d<sub>2</sub> = 0.25%, d<sub>3</sub> = 1.12%, d<sub>4</sub> = 0.48%, d<sub>5</sub> = 3.32%, d<sub>6</sub> = 94.49%

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>
			7/14/2025	7/12/2029
Vijaya Annapareddy Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Nicole Badiali Quality Assurance Associate		