

1. Identification

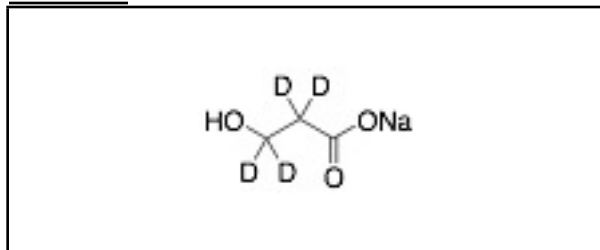
Catalogue Number

H952482

Lot Number

13-YSW-25-2

Structure



Product Name

3-Hydroxypropanoic Acid-D4 Sodium Salt

Synonyms

Hydracrylic Acid-D4 Sodium Salt; 3-Hydroxypropanoic Acid-D4 Monosodium Salt; Sodium β-Hydroxypropionate-D4; 3-Hydroxypropanoic Acid-D4 Sodium Salt;

CAS Number

N/A

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₃HD₄NaO₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

116.08

Purity

98%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 29.85, %H: 4.41

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.8%

Additional Information

Normalized Intensity: d₀ = 0.01%, d₁ = 0.16%, d₂ = 0.18%, d₃ = 4.04%, d₄ = 95.61%

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

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/26/2024

Retest Date

7/24/2028