



1. Identification

Catalogue Number

TRC-B419097

Lot Number

3-APD-182-1

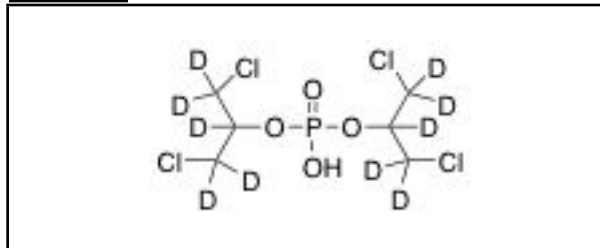
Product Name

Bis(1,3-dichloro-2-propyl) Phosphate-d10

Synonyms

1,3-Dichloro-2,2'-(Hydrogen Phosphate) 2-Propan-1,1,2,3,3-d5

Structure



CAS Number

1477495-19-4

Solubility

Chloroform (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆D₁₀HCl₄O₄P

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

330.00

Purity

95%

2. Warnings

Hygroscopic

Moisture Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Yellow Gel to Waxy Solid

Results

Off-White Waxy Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 21.74, %H: 3.13

HPLC Purity

Report Result

94.99% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.5%

Additional Information

Elemental Analysis: (Theoretical) %C: 21.84, %H: 3.38

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.00%, d₅ = 0.02%, d₆ = 0.02%, d₇ = 0.07%, d₈ = 0.80%, d₉ = 12.78%, d₁₀ = 86.30%

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

Eric J. Beaton

Eric Beaton

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

My Nguyen

My Nguyen

Quality Assurance Associate

Test Date

7/14/2020

Retest Date

7/12/2027