

**1. Identification**Catalogue Number

B419092

Lot Number

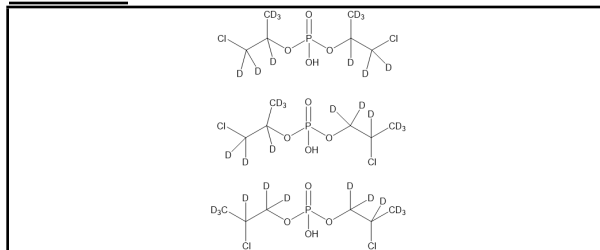
16-CNN-12-3

Product Name

Bis-(1-Chloro-2-propyl)phosphate-d12 (Mixture of Isomers)

Synonyms

1-Chloro-2-propanol Hydrogen Phosphate-d12; BCPP-d12

StructureCAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_6H_{12}Cl_2O_4P$ Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

263.12

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical InformationTests

Appearance

Specifications

Colourless to Brown Oil

Results

Clear Colourless to Pale Yellow Oil

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 27.17, %H: 5.05

HPLC Purity

>95%

98.14% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.7%

Additional Information

Normalized Intensity: $d_0 = 0.00\%$, $d_1 = 0.00\%$, $d_2 = 0.00\%$, $d_3 = 0.00\%$, $d_4 = 0.04\%$, $d_5 = 0.00\%$, $d_6 = 0.00\%$, $d_7 = 0.00\%$, $d_8 = 0.00\%$, $d_9 = 0.00\%$, $d_{10} = 0.05\%$, $d_{11} = 2.78\%$, $d_{12} = 97.13\%$

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. SignaturesReviewed by

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

4/28/2023

Retest Date

4/26/2027