

**1. Identification**Catalogue Number

B415127

Lot Number

1-NOS-117-2

Product Name

Bis(butoxyethyl) Phosphate-d8

Synonyms

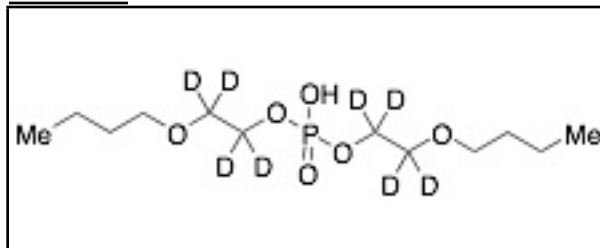
2-Butoxy-ethanol Hydrogen Phosphate-d8; Bis(2-butoxyethyl) Phosphate-d8; 2-Butoxy-ethanol 1,1'-(Hydrogen Phosphate)-d8

CAS Number

N/A

Solubility

Ethyl Acetate (Slightly), Methanol (Slightly)

StructureMolecular Formula $C_{12}H_{19}D_8O_6P$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

306.36

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical InformationTests

Appearance

Specifications

Colourless Oil to Thick Oil

Results

Clear Colourless Thick Oil

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 45.60, %H: 8.85

HPLC Purity

>95%

98.67% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.7%

Additional InformationNormalized Intensity: $d_0 = 0.01\%$, $d_1 = 0.00\%$, $d_2 = 0.00\%$, $d_3 = 0.00\%$, $d_4 = 0.01\%$, $d_5 = 0.00\%$, $d_6 = 0.06\%$, $d_7 = 2.13\%$, $d_8 = 97.79\%$ 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

Farnaz M.

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

6/17/2024

Retest Date

6/15/2031