



1. Identification

Catalogue Number

B516320

Lot Number

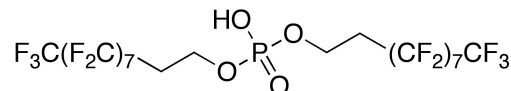
1-JFI-36-9

Product Name

Bis[2-(perfluorooctyl)ethyl] phosphate

Synonyms

3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluoro-1-decanol-1,1'-(hydrogen phosphate); 8:2 diPAP

StructureCAS Number

678-41-1

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₂₀H₉F₃₄O₄PSource of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

990.2

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 22.62, %H: 1.19

HPLC Purity

>95%

97.54% (ELSD)

MS

Conforms to Structure

Conforms

Additional Information

N/A

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. Signatures

Reviewed byVijaya Annapareddy
Product Quality SpecialistReviewed byToni Rantanen
Manager, Quality AssuranceC of A Approved byChanell Chu
Quality Assurance AssociateTest Date

8/6/2025

Retest Date

8/4/2029