

1. Identification

Catalogue Number

1872945

Lot Number

6-JKL-94-2

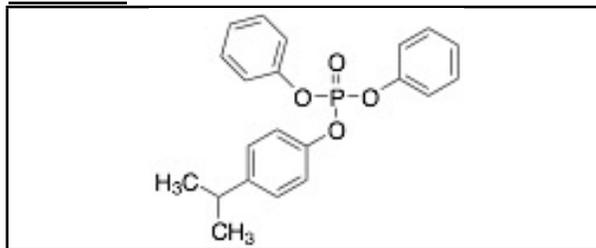
Product Name

4-Isopropylphenyl Diphenyl Phosphate

Synonyms

p-Cumenyl Phenyl Phosphate; Diphenyl 4-isopropylphenyl Phosphate;

Structure



CAS Number

55864-04-5

Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₂₁O₄P

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

368.36

Purity

96%

2. Warnings

Hygroscopic, Moisture Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Pale Yellow Oil to Semi-Solid

Results

Off-White to Pale Yellow Semi-Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 67.75, %H: 5.78

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 ± 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

Henry Tieu
Product Quality Specialist

Reviewed by

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Christina Gouliaras
Quality Assurance Associate

Test Date

5/1/2024

Retest Date

4/29/2028