

1. Identification

Catalogue Number

T808992

Lot Number

2-ANF-135-1

Product Name

Triphenyl Phosphate-d15

Synonyms

Phosphoric Acid Triphenyl Ester-d15 Celluflex TPP-d15; Disflamoll TP-d15; NSC 57868-d15; Phenyl Phosphate-d15; Phoscon FR 903N-d15; Phosflex TPP-d15; Reofos TPP-d15; S 4-d15; Sumilizer TPP-d15; TP-d15 TPP-d15; TPA-d15; TTP-d15; Triphenoxyphosphine Oxide-d15; Wako TPP-d15; TPHP-d15

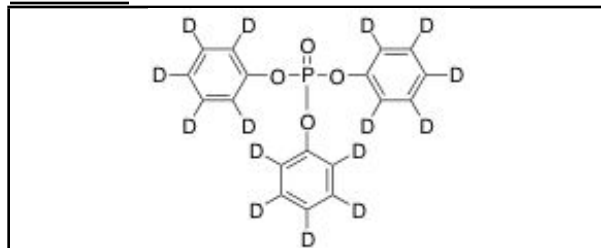
CAS Number

1173020-30-8

Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₈D₁₅O₄P

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

341.38

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Light Yellow Semi-Solid to Solid

Results

White to Off-White Semi-Solid to Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.55% (205 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.6%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.00%, d₅ = 0.00%, d₆ = 0.00%, d₇ = 0.00%, d₈ = 0.00%, d₉ = 0.00%, d₁₀ = 0.00%, d₁₁ = 0.03%, d₁₂ = 0.12%, d₁₃ = 1.66%, d₁₄ = 16.58%, d₁₅ = 81.62%

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



Sarbjit Kaur

Product Quality Specialist

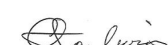
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

4/3/2023

Retest Date

4/1/2027