



CERTIFICATE OF ANALYSIS

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1. Identification

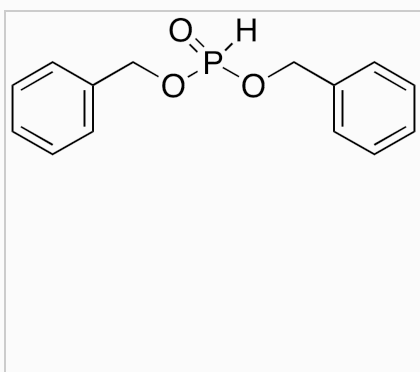
Catalogue Number: D418190

CAS Number: 17176-77-1

Product: Dibenzyl Phosphite

Synonym: Bis(phenylmethyl) Ester Phosphonic Acid; Benzyl Phosphonate ((C₇H₇O)₂HPO); , Dibenzyl Ester Phosphonic Acid; Dibenzyl Hydrogen Phosphite; Dibenzyl Phosphonate

Structure:



Molecular Formula:

C₁₄H₁₅O₃P

Molecular weight:

262.24

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Soluble), Methanol (Slightly)

Lot Number: 1-FGD-3-2

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|--|----------------------|
| Appearance | Colourless to Off-White Oil to Low-Melting Solid | Clear Colourless Oil |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 63.10, %H: 5.94 |
| MS | Conforms to Structure | Conforms |
| P NMR | 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 | Reviewed By | C of A Approved By | Test Date | Retest Date |
|--------------|---------------|--------------------|-----------|-------------|
| Swathi Reddy | Toni Rantanen | Chanell Chu | 7/21/2021 | 7/19/2025 |