

1. Identification

Catalogue Number

R145300

Lot Number

1-HBN-54-1

Product Name

Resorcinol Bis(diphenyl phosphate)

Synonyms

Phosphoric Acid P,P'-1,3-Phenylene P,P',P'-tetraphenyl Ester; Phosphoric Acid 1,3-Phenylene Tetraphenyl Ester; 1,3-Phenylene Bis(diphenyl phosphate); ADK Stab PFR; CR 733S; LDP 301; Mark PFK; PFR; Reofos RDP; Resorcinol Tetraphenyl Diphosphate; Tetraphenyl m-Phenylene Bisphosphate; Tetraphenyl m-Phenylene Diphosphate; Tetraphenyl Resorcinol Diphosphate; m-

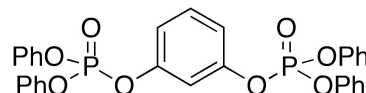
CAS Number

57583-54-7

Solubility

Chloroform (Sparingly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₃₀H₂₄O₈P₂

Source of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

574.45

Purity

>95%

2. Warnings

Moisture Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Pale Yellow Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 62.44, %H: 4.36

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

Sadaf Samadi

Sadaf Samadi

Quality Assurance Associate

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Christina Gouliaras

Quality Assurance Associate

Test Date

1/27/2025

Retest Date

1/25/2029