

**1. Identification**Catalogue Number

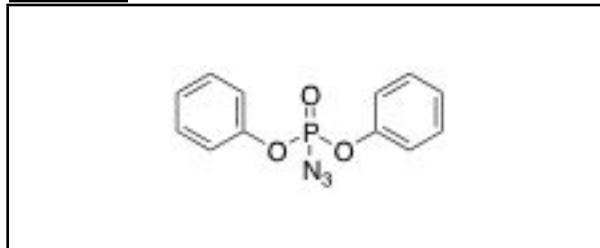
TRC-D491640

Lot Number

3-NZH-46-1

Product Name

Diphenylphosphorazide

StructureSynonyms

Azidodiphenoxyoxophosphorane; DPPA; Diphenyl Azidophosphate; Diphenyl Phosphorazide; Diphenylphosphoryl Azide; O,O-Diphenylphosphoryl Azide; Phosphoric Acid Diphenyl Ester Azide

CAS Number

26386-88-9

Solubility

Acetonitrile (Slightly), Chloroform (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{12}H_{10}N_3O_3P$ Source of Product

N/A

Long Term Storage Conditions

4°C, Light sensitive

Molecular Weight

275.20

Purity

95%

2. Warnings

Light Sensitive

3. Analytical InformationTests

Appearance

Specifications

Colourless to Pale Yellow Oil

Results

Colourless to Pale Yellow Oil

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 52.40, %H: 3.78, %N: 14.61

HPLC Purity

>95%

98.35% (205 nm)

MS

Conforms to Structure

Conforms

FT-IR

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. SignaturesReviewed byReviewed byC of A Approved byTest DateRetest Date

6/3/2021

6/1/2025

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