

## 1. Identification

Catalogue Number

P358350

Lot Number

1-KES-144-5

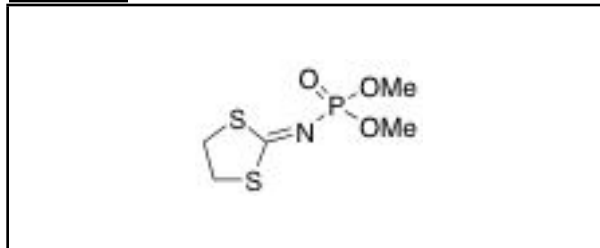
Product Name

Phospholan-methyl

Synonyms

Phosphonodithioimidocarbonic Acid Cyclic Ethylene P,P-Dimethyl Ester; 1,3-Dithiolan-2-ylidenephosphoramidic Acid Dimethyl Ester; 1,2-Ethanedithiol, cyclic ester with phosphonodithioimidocarbonic acid P,P-dimethyl ester; Phosfolan-methyl

Structure



CAS Number

5120-23-0

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>5</sub>H<sub>10</sub>NO<sub>3</sub>PS<sub>2</sub>

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

227.24

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Colourless to Pale Yellow Oil

Results

Clear Colourless to Pale Yellow Oil

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 26.13, %H: 4.67, %N: 5.97

GC Purity

>95%

95.62%

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



Meenakshi Sharma

Product Quality Specialist

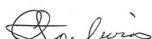
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

6/13/2023

Retest Date

6/11/2027