



CERTIFICATE OF ANALYSIS

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1. Identification

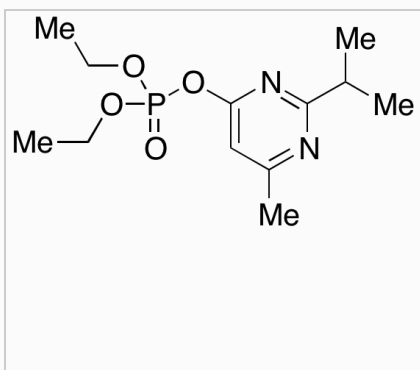
Catalogue Number: D416890

CAS Number: 962-58-3

Product: Diazoxon

Synonym: Phosphoric Acid Diethyl 6-methyl-2-(1-methylethyl)-4-pyrimidinyl Ester; Diethyl 2-isopropyl-6-methyl-4-pyrimidinyl phosphate; Diazinon Oxon; Oxodiazinon; O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) Phosphate; O,O-Diethyl-O-(2-isopropyl-4-methylpyrimidyl-6) Phosphate;

Structure:



Molecular Formula:

C₁₂H₂₁N₂O₄P

Molecular weight:

288.28

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: 8-YMK-145-6

Purity: 96%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Yellow to Dark Yellow Oil	Clear Light Yellow to Yellow Oil
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 49.84, %H: 7.45, %N: 9.53
HPLC Purity	Report Result	97.88% (205 nm)

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	9/13/2021	9/11/2025