

1. Identification

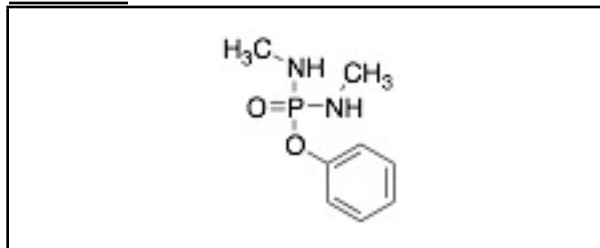
Catalogue Number

D120100

Lot Number

17-ATH-151-2

Structure



Product Name

Diamidafos

Synonyms

Phosphorodiamidic acid, N,N'-dimethyl-, phenyl ester; Diamidaphos; Diamidfos; Dowco 169; Nellite; O-Phenyl-N,N'-dimethyl-phosphorodiamidate

CAS Number

1754-58-1

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₈H₁₃N₂O₂P

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

200.17

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

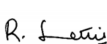


<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 47.72, %H: 6.45, %N: 13.86
HPLC Purity	>95%	99.93% (210 nm)
MS	Conforms to Structure	Conforms

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			2/14/2023	2/12/2027
Swathi Reddy	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		