CERTIFICATE OF ANALYSIS

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1. Identification

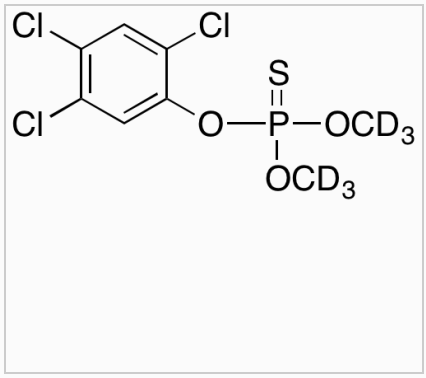
Catalogue Number: F247402

CAS Number: 33576-72-6

Product: Fenchlorphos-D6

Synonym: Phosphorothioic Acid O,O-Di(methyl-D3) O-(2,4,5-Trichlorophenyl) Ester

Structure:



Molecular Formula:

$C_8H_2D_6Cl_3O_3PS$

Molecular weight:

327.58

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 18-KSS-28-3

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	White to Off-White Low-Melting Solid to Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.10% (205 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.7%

Additional Information: Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.00%, d3 = 0.63%, d4 = 0.00%, d5 = 0.00%, d6 = 99.37%

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
Nicole Yip	Toni Rantanen	Chanell Chu	10/13/2023	10/11/2027