



CERTIFICATE OF ANALYSIS

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1. Identification

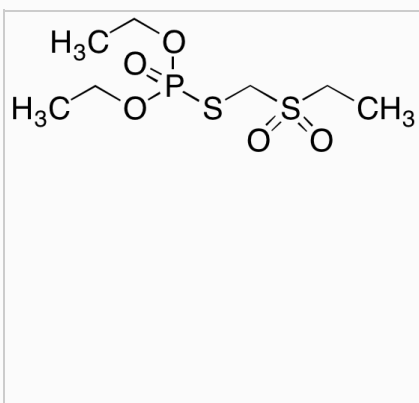
Catalogue Number: P353515

CAS Number: 2588-06-9

Product: Phorate Oxon Sulfone

Synonym: Phosphorothioic Acid O,O-Diethyl S-[(Ethylsulfonyl)methyl] Ester; O,O-Diethyl S-(Ethylsulfonyl)methyl Phosphorothioate; PO-Phorate Sulfone; Phoratoxon Sulfone;

Structure:



Molecular Formula:

C₇H₁₇O₅PS₂

Molecular weight:

276.3

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Slightly), Ethyl Acetate (Slightly), Methanol (Slig

Lot Number: 4-NBP-65-2

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Light Yellow Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 30.48, %H: 6.47

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. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	9/17/2021	9/15/2025