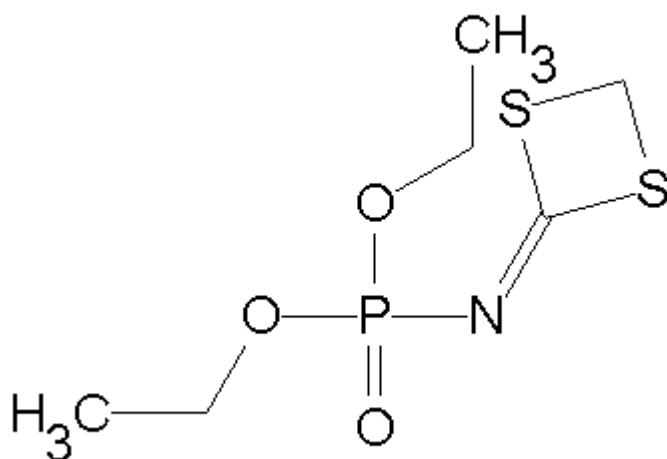


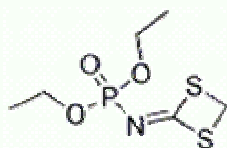
diethyl 1,3-dithietan-2-ylideneamidophosphate

Molecular Formula:	C ₆ H ₁₂ NO ₃ PS ₂
Molecular Weight:	241.272 g/mol
Cas Number:	21548-32-3
InChIKey:	RHJOIOVESMTJEK-UHFFFAOYAP
Smiles:	CCO[P](=O)(OCC)N=C1SCS1



Detail of 21548-32-3

Molecular Structure:



Name:(DIETHOXYPHOSPHINYLMINO)-1,3-DITHIETANE

CAS Number:21548-32-3

Molecular Formula:C₆H₁₂NO₃PS₂

Molecular Weight:241.28

Density:1.47g/cm³

Boiling Point:310.7°Cat760mmHg

Flash Point:141.7°C

Risk Codes:27/28 [Details](#)

Hazard Symbols: **T+**

Properties:Yellow liquid with mercaptan odor. D: 1.3 @ 25°. So l in Me₂CO, CHCl₃, MeOH, and toluene; mod sol in H₂O.

[Product Synonyms]

[\(diethoxyphosphinylimino\)-1,3-diethietane\[qr\]](#)
[\(diethoxyphosphinylimino\)-1,3-dithietane](#)
[1,3-dithietan-2-ylidenephosphoramidicaciddiethylester\[qr\]](#)
[1,3-dithietan-2-ylidene-phosphoramidicacidiethylester](#)
[2-\(diethoxyphosphinylimino\)-1,3-dithietane\[qr\]](#)
[ac64,475\[qr\]](#)
[ac64475](#)
[ac64475\[qr\]](#)
[acconem](#)
[acconem\[qr\]](#)
[cl64,475\[qr\]](#)
[cl64475](#)
[cl64475\[qr\]](#)
[cyclicmethylenediethoxyphosphinodithioimidocarbonate](#)
[cyclicmethylenediethoxyphosphinodithioimidocarbonate\[qr\]](#)
[diethoxyphosphinylimino-2dithietane-1,3](#)
[diethyl\(1,3-dithiolan-2-ylidene\)phosphoramidate](#)
[diethyl1,3-dithietan-2-ylidenephosphoramidate\[qr\]](#)
[ent27,873](#)
[geofos](#)
[geofos\[qr\]](#)
[imidocarbonicacid,phosphonodithio-,cyclicmethylenep,p-diethylester](#)
[nem-a-tak](#)
[nem-a-tak\[qr\]](#)
[phosphonodithioimidocarbonicacidcyclicmethylenep,p-diethylester\[qr\]](#)
[FOSTHIETAN](#)
[Fosthietan granules](#)
[diethyl \(1,3-dithietan-2-ylidene\)phosphoramidate](#)
[Geofos\(ACC\)](#)
[FOSETAN\(FOSTHIETAN\)](#)
[Fosthiethan](#)
[diethyl 1,3-dithietan-2-ylidenephosphoramidate fosthietan](#)
[O , O-diethyl-N-\(1,3-dithietan-2-ylidene\) phosphoramidate](#)

FOSTHIETAN Chemical Properties

Safety Information

Hazard Codes	T+
Risk Statements	27/28
Safety Statements	36/37-45
RIDADR	3018
HazardClass	6.1(a)
PackingGroup	I