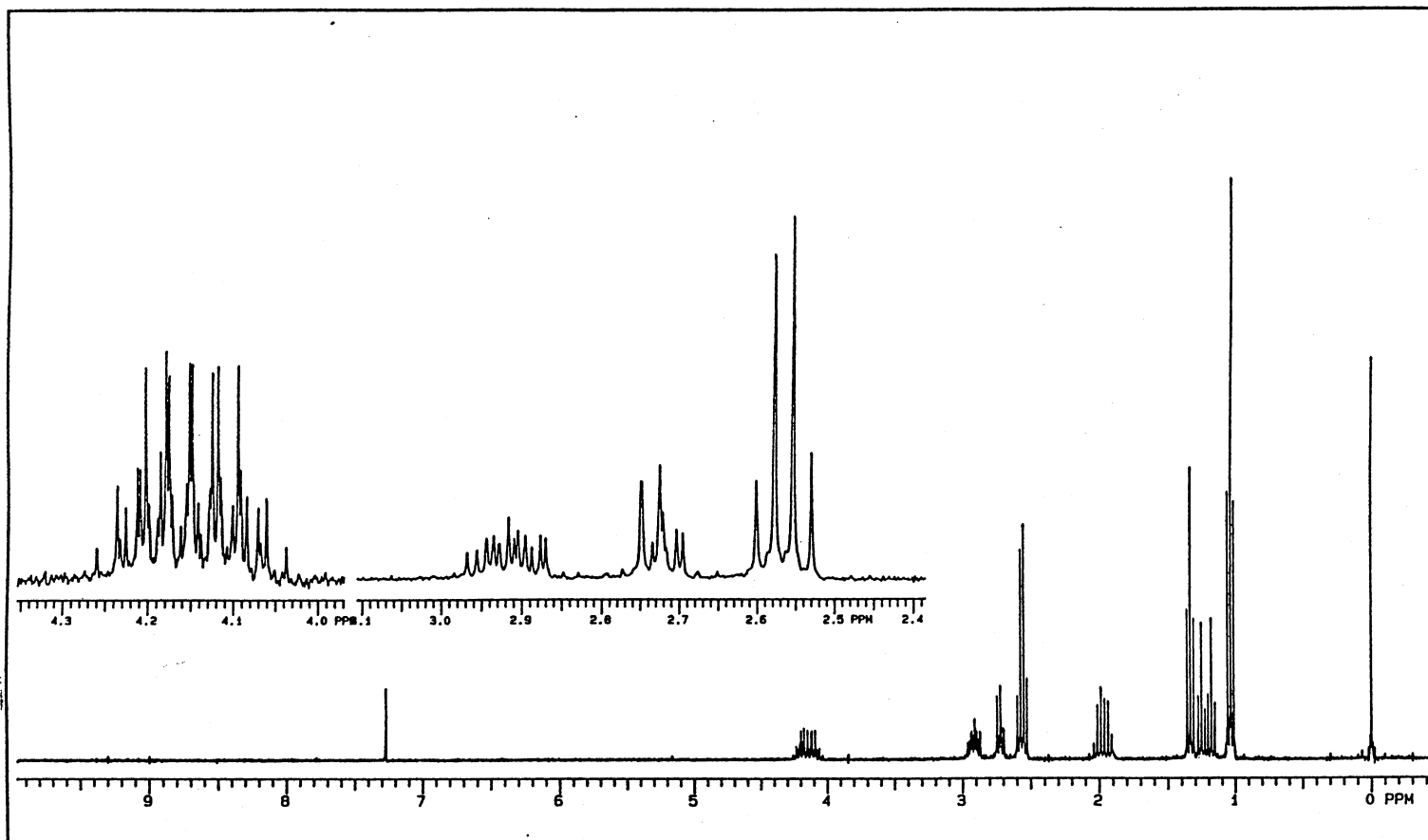
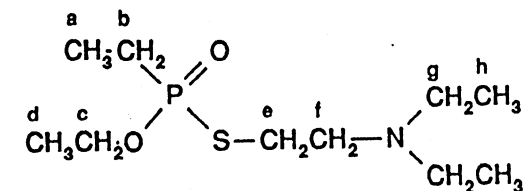


## Ethyl S-2-(diethylamino)ethyl ethylphosphonothiolate

[21738-25-0]

 $^1\text{H-NMR}$ nuc.       $\delta$  [ppm]

a	1.22
b	1.98
c	4.15
d	1.34
e	2.92
f	2.72
g	2.56
h	1.04

J(a,P)	22.0 Hz
J(b,P)	15.4 Hz
J(a,b)	7.6 Hz
J(c,d)	7.1 Hz
J(g,h)	7.1 Hz

Res. freq.    299.943 MHz  
 Solvent:      $\text{CDCl}_3$   
 Temperature: 24°C  
 Concentration: approx. 20mg/ml  
 Reference:    TMS (internal)

Spectral width:    4000 Hz  
 Data points (FID): 28992  
 Data points (spec.): 16K  
 Pulse width:      7  $\mu\text{s}$  (24°)  
 Number of scans: 61

Rep.time.:    3.62 s  
 Line broad.: not used  
 Resolution:    0.54 Hz (TMS)  
 Instrument:    Varian VXR-300  
 Filename: