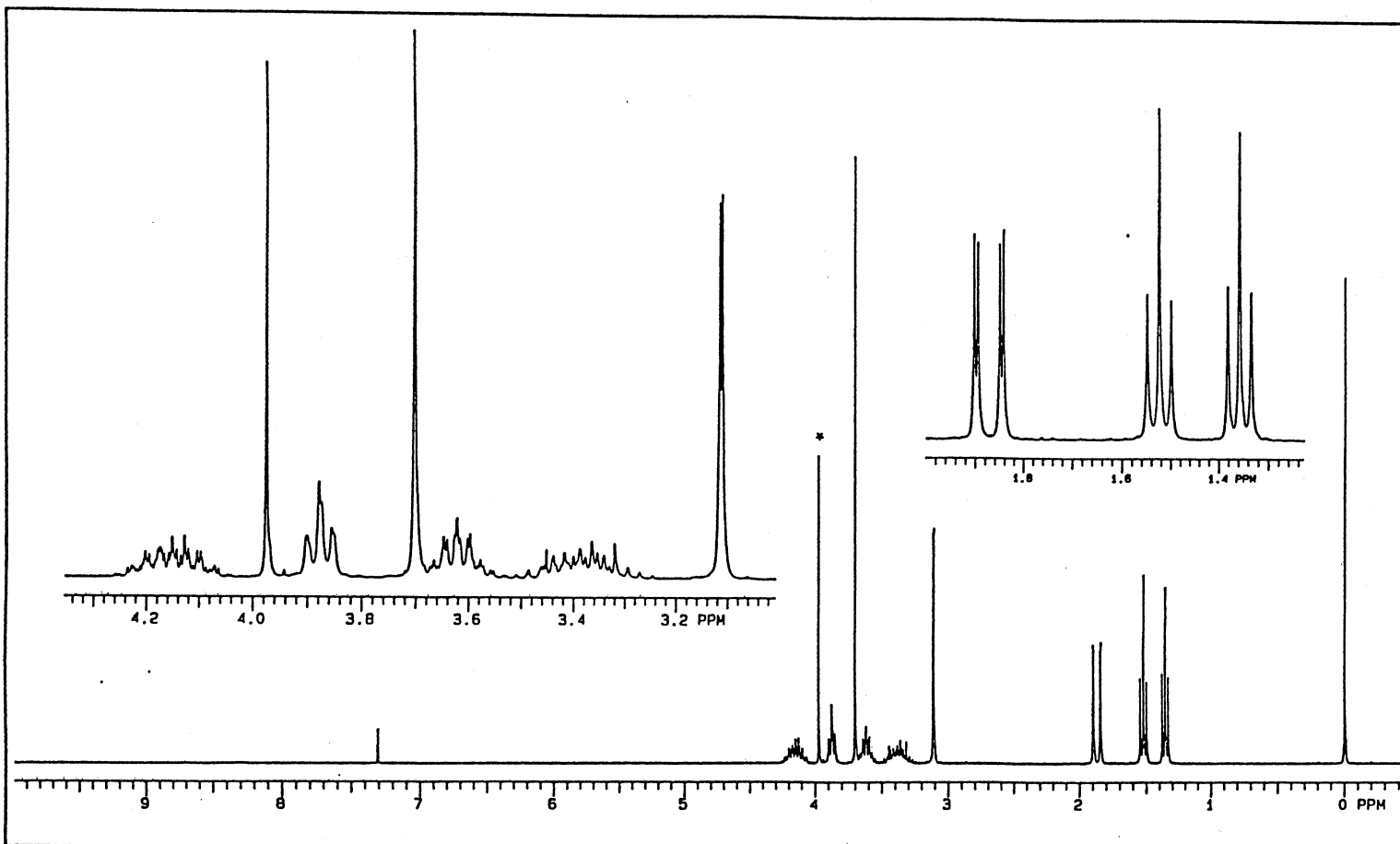
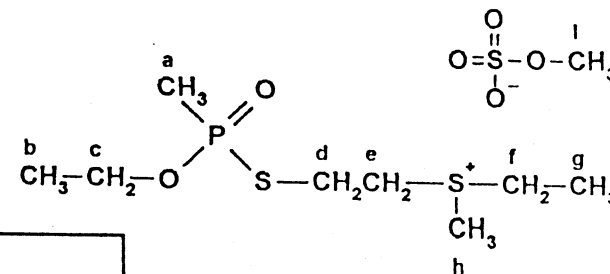


O-Ethyl S-2-(S-methyl ethylthio)ethyl methylphosphonothiolate methylsulfate

[2562-54-1]

 $^1\text{H-NMR}$ 

nuc.	δ [ppm]
a	1.87, 1.88
b	1.36
c	4.15
d	3.39
e	3.88
f	3.62
g	1.52
h	3.11, 3.12
i	3.70

J(a,P)	15.7 Hz
J(b,c)	7.1 Hz
J(f,g)	7.4 Hz

mixture of diastereomers

Res. freq. 299.943 MHz
 Solvent: CDCl_3
 Temperature: 24°C
 Concentration: approx. 100mg/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: 47

Rep.time.: 3.62 s
 Line broad.: not used
 Resolution: 0.67 Hz (TMS)
 Instrument: Varian VXR-300
 Filename: PR2812/88