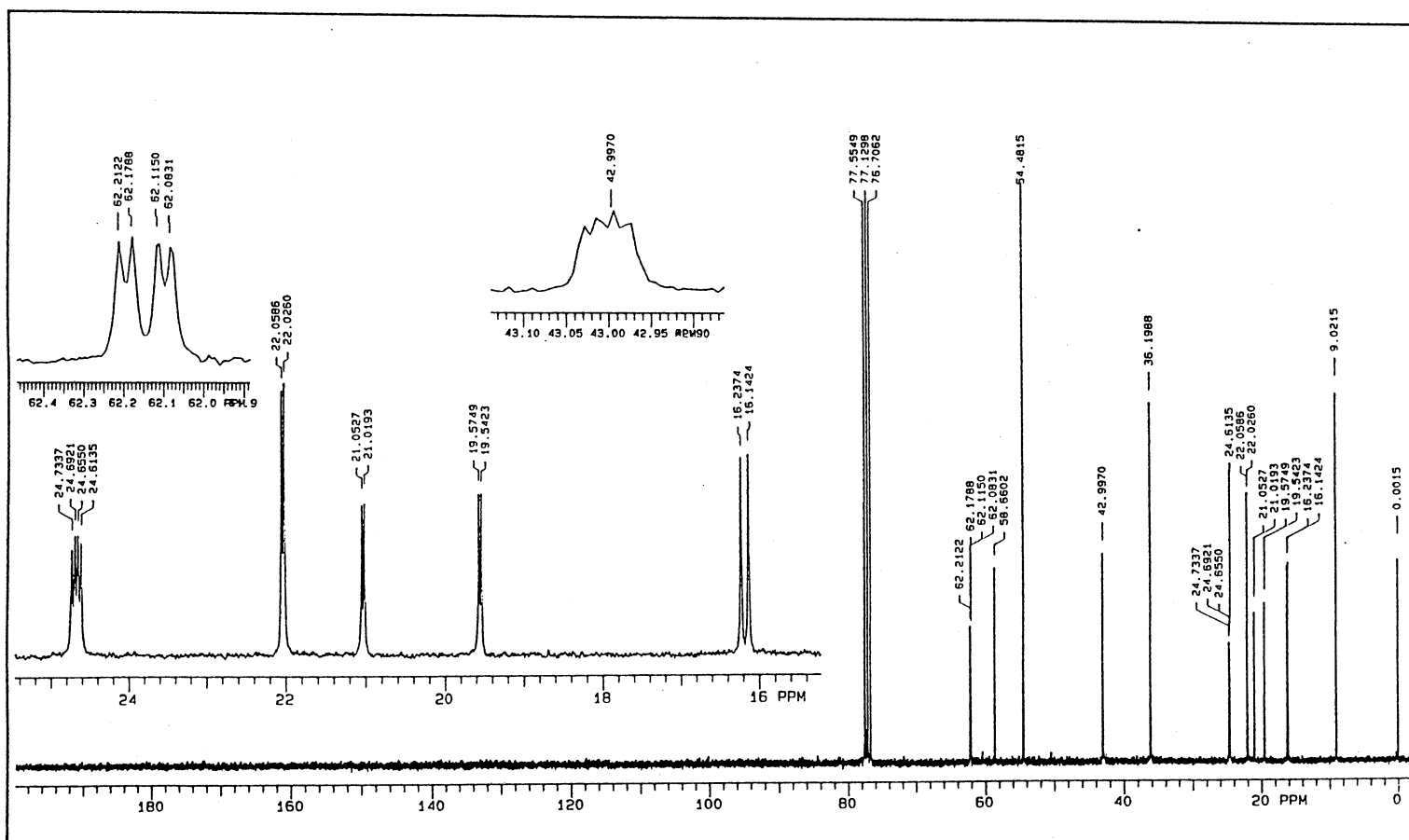
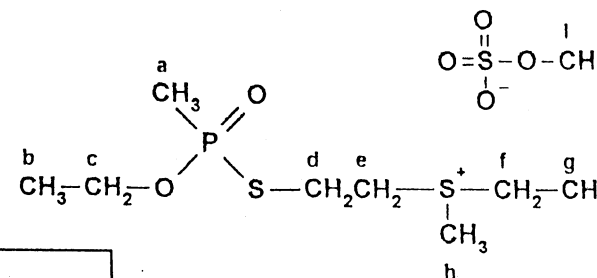


O-Ethyl S-2-(S-methyl ethylthio)ethyl methylphosphonothiolate methylsulfate

[2562-54-1]

 $^{13}\text{C}\{\text{H}\}$ -NMR

nuc.	δ [ppm]
a	20.28, 20.31
b	16.19
c	62.13, 62.16
d	24.63, 24.71
e	42.99, 43.01
f	36.20
g	9.02
h	22.03, 22.06
i	54.48

J(a,P)	111.3 Hz
J(b,P)	7.3 Hz
J(c,P)	7.3 Hz
J(d,P)	3.1 Hz
J(e,P)	2.8 Hz

mixture of diastereomers

Res. freq. 75.429 MHz
 Solvent: CDCl_3
 Temperature: 24°C
 Concentration: approx. 100mg/ml
 Reference: TMS (internal)

Spectral width: 16502 Hz
 Data points (FID): 54080
 Data points (spec.): 32K
 Pulse width: $5.6 \mu\text{s}$ (38°)
 Number of scans: 6037

Rep.time.: 1.64 s
 Line broad.: exp., 0.5 Hz
 Resolution: 1.04 Hz (TMS)
 Instrument: Varian VXR-300
 Filename: PR2812/88