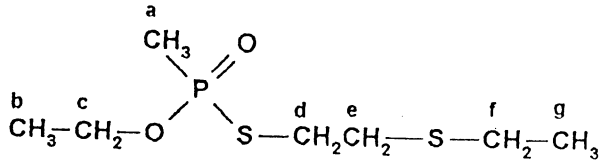
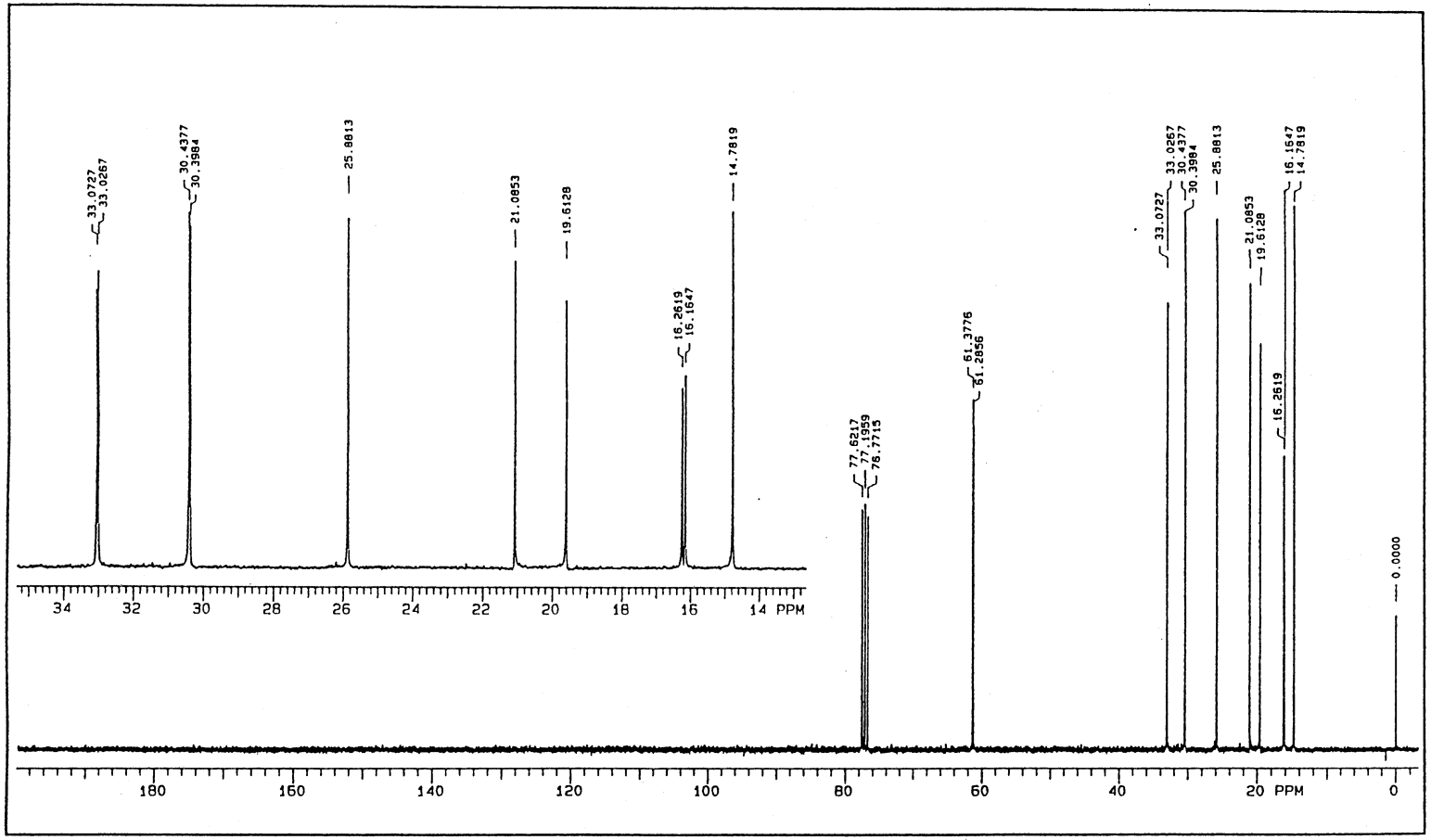
O-Ethyl S-2-(ethylthio)ethyl methylphosphonothiolate

[556-75-2]



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



nuc.	δ [ppm]
a	20.35
b	16.20
c	61.33
d	30.42
e	33.05
f	25.88
g	14.78

J(a,P)	110.8 Hz
J(b,P)	7.1 Hz
J(c,P)	7.2 Hz
J(d,P)	3.0 Hz
J(e,P)	3.5 Hz

Res. freq.	75.429 MHz	Spectral width:	16502 Hz	Rep.time.:	1.64 s
Solvent:	$CDCl_3$	Data points (FID):	54080	Line broad.:	exp., 0.5 Hz
Temperature:	24°C	Data points (spec.):	32K	Resolution:	0.73 Hz (TMS)
Concentration:	approx. 100mg/ml	Pulse width:	5.6 µs (38°)	Instrument:	Varian VXR-300
Reference:	TMS (internal)	Number of scans:	1822	Filename:	PR0812/88

OPCW Code:7-3-439 (p1/1)