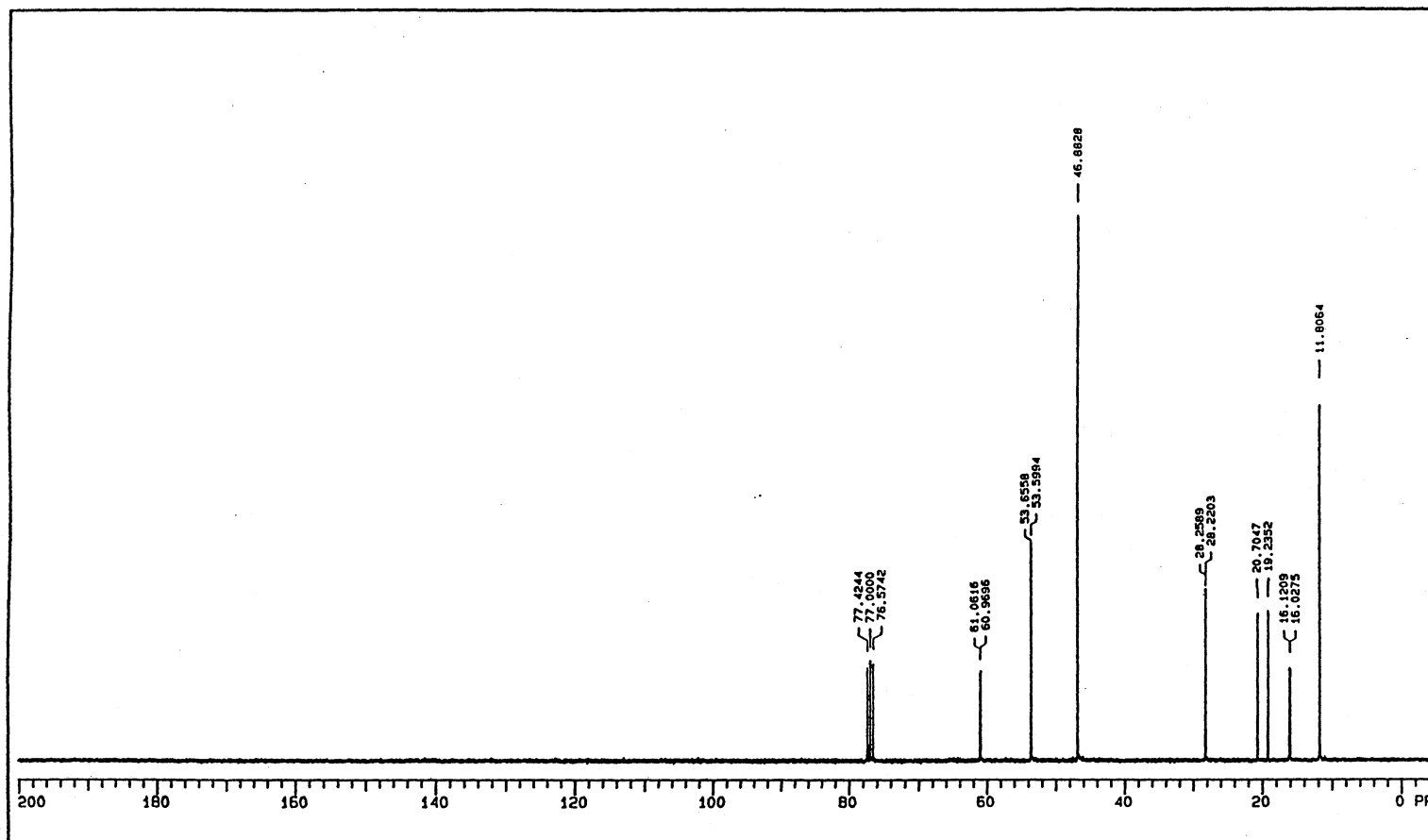
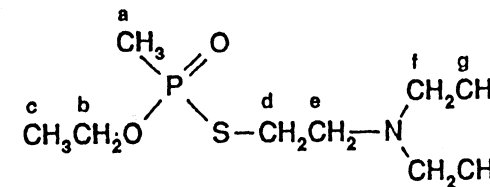


Ethyl S-2-(diethylamino)ethyl methylphosphonothiolate

[21770-86-5]

 $^{13}\text{C}\{\text{H}\}$ -NMRnuc. δ [ppm]

a	19.97
b	61.01
c	16.07
d	28.24
e	53.63
f	46.88
g	11.80

J(a, P)	110.8 Hz
J(b, P)	7.0 Hz
J(c, P)	7.2 Hz
J(d, P)	2.9 Hz
J(e, P)	4.3 Hz

Res. freq. 75.429 MHz
 Solvent: CDCl_3
 Temperature: 24°C
 Concentration: approx. 100mg/ml
 Reference: CDCl_3 (77.0ppm)

Spectral width: 16502 Hz
 Data points (FID): 54080
 Data points (spec.): 32K
 Pulse width: 5.6 μs (38°)
 Number of scans: 1662

Rep.time.: 1.64 s
 Line broad.: exp., 0.5 Hz
 Resolution: 1.06 Hz (C-a)
 Instrument: Varian VXR-300
 Filename: