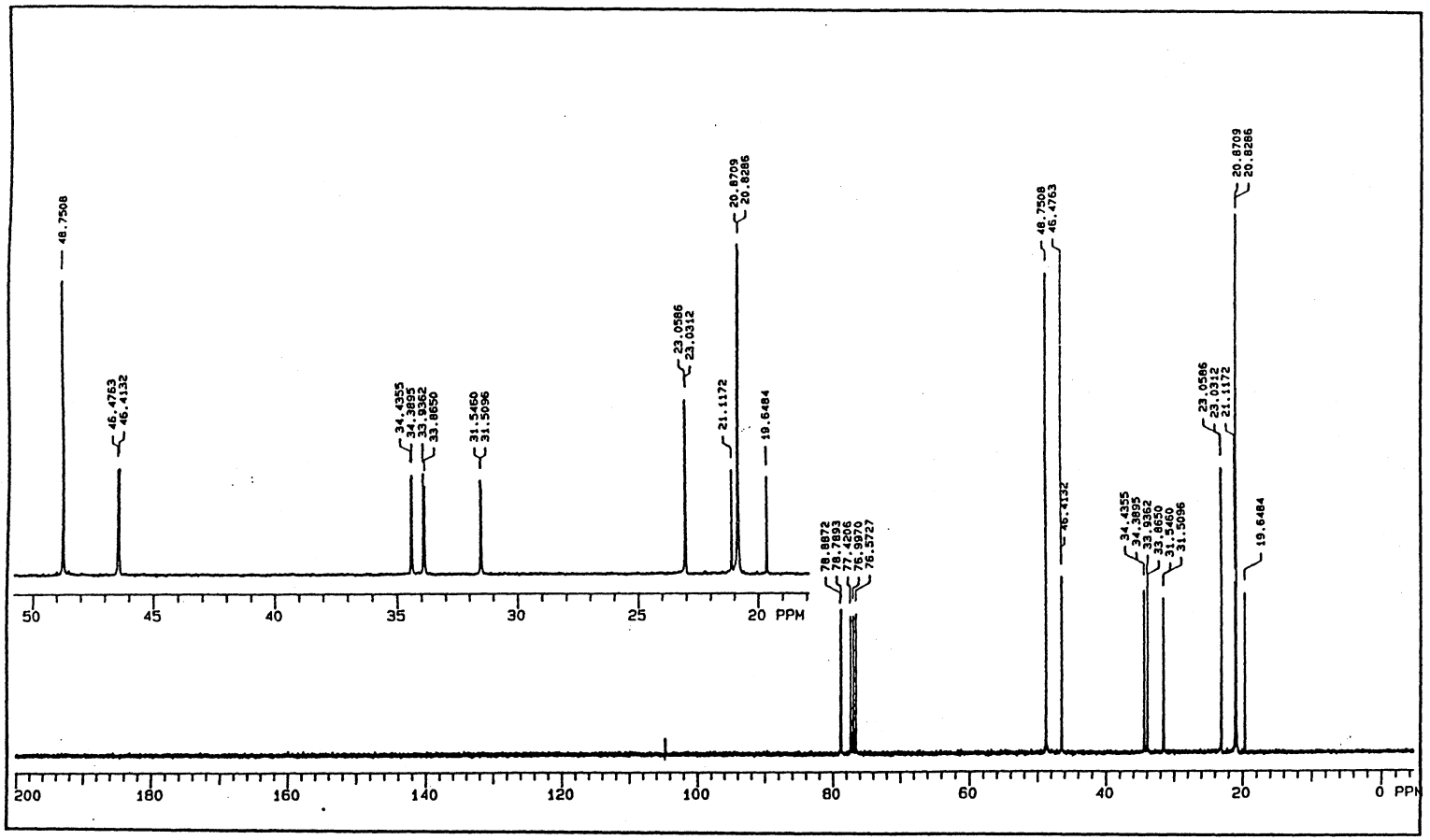
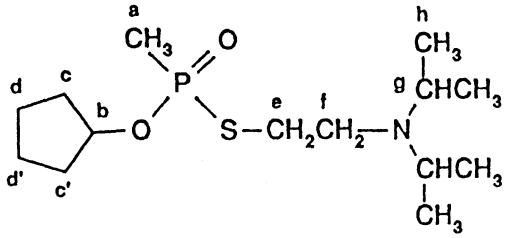
Cyclopentyl S-2-(diisopropylamino)ethyl methylphosphonothiolate

[85473-33-2]

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





nuc.	δ [ppm]
a	20.38
b	78.84
c,c'	33.90, 34,41
d,d'	23.03, 23.06
e	31.53
f	46.44
g	48.75
h,h'	20.83, 20.87

J(a,P)	110.6 Hz
J(b,P)	7.3 Hz
J(c,P)	6.0 Hz
J(c',P)	3.4 Hz
J(e,P)	2.7 Hz
J(f,P)	4.5 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:	1.19 Hz (C-a)
Concentration:	approx. 100mg/ml	Pulse width:	5.6 µs (38°)	Instrument:	Varian VXR-300
Reference:	$CDCl_3$ (77.0ppm)	Number of scans:	2328	Filename:	

OPCW Code:7-3-142 (p1/1)