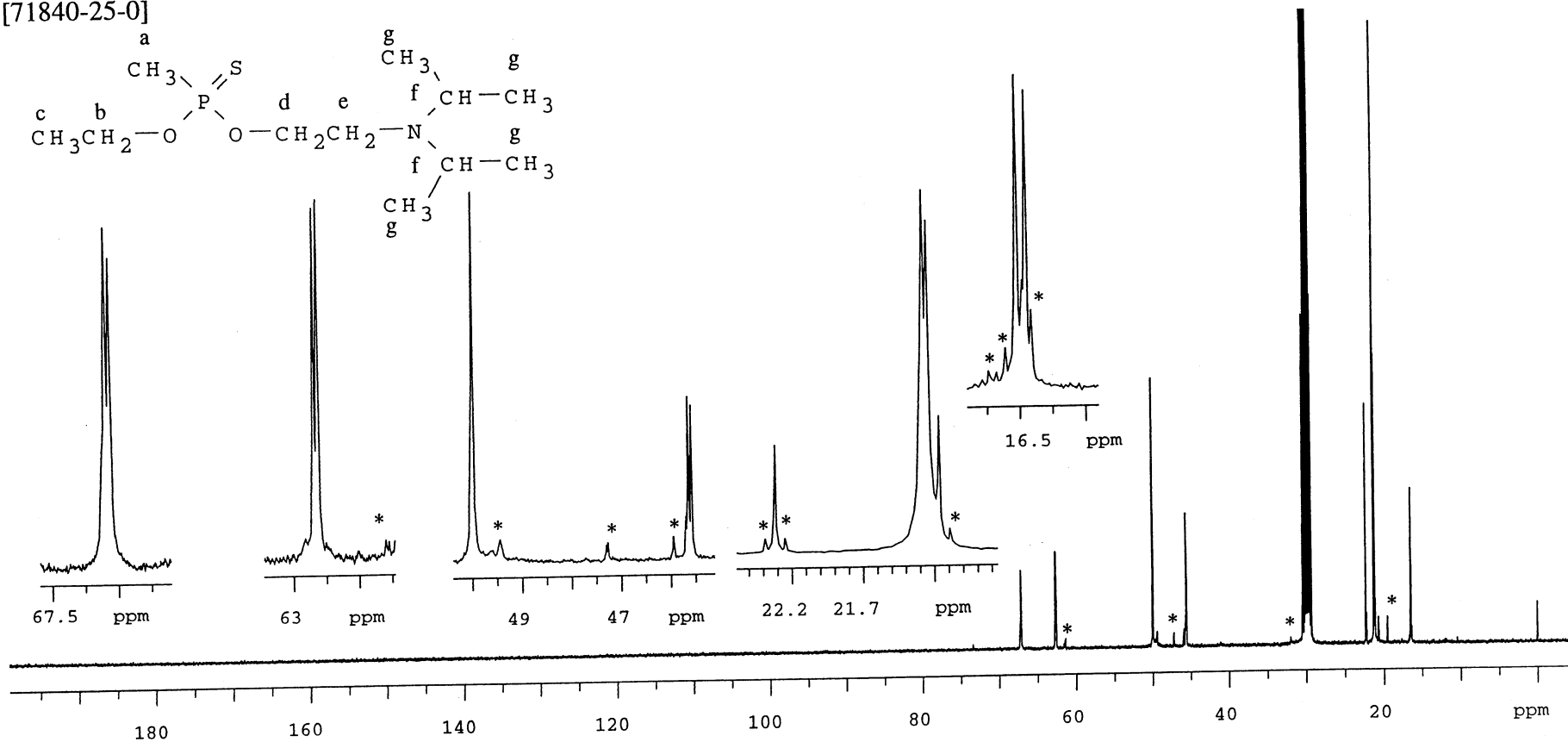
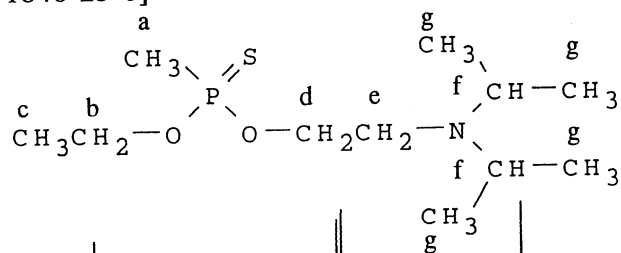


$^{13}\text{C}\{^1\text{H}\}$ NMR

O-Ethyl O-2-(diisopropylamino)ethyl methylphosphonothionate

[71840-25-0]



Solvent: Acetone-d₆
Concentration: 50 µl/ 0.8 ml
Reference substance: TMS
Sample temperature: 26.5 °C
Resonance frequency: 100.624 MHz
Spectral width: 23809.5 Hz
Data points (FID; spec.): 64 k; 64 k

Flip angle; Pulse width: 40 °; 7.0 µs
No. of scans; Rep. time: 12800; 3.6 s
Weighting; Line broad.: exp.; 0.5 Hz
Spectral resolution: 0.3 Hz (TMS)
Instrument: Bruker AMX-400
Source reference: 950608-2515
Signature: *Markku Mesilaakso*
Markku Mesilaakso

nuc.	δ [ppm]	J [Hz]	nuc.	δ [ppm]
a	21.74	115.9 (P)	g	21.28; 21.24
b	62.66	6.5 (P)		
c	16.49	7.1 (P)		
d	67.16	7.1 (P)		
e	45.61	7.1 (P)		
f	49.98			

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OPCW Code:05-3-0136(p1/1)