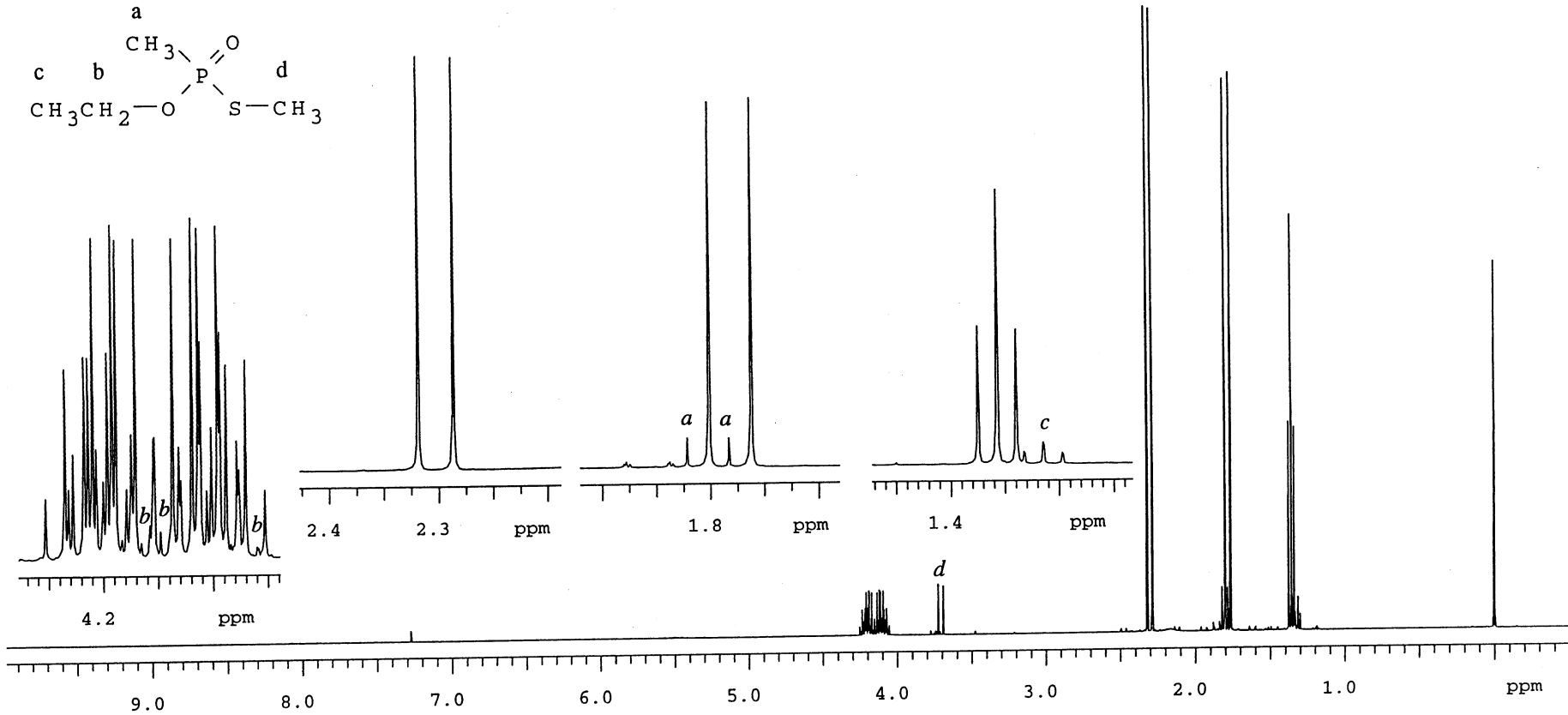
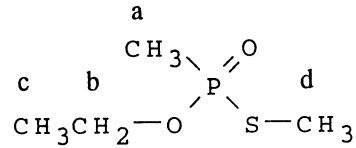


¹H NMR

O-Ethyl S-methyl methylphosphonothiolate

[51865-09-9]



Solvent: CDCl₃
Concentration: 15 µl/ 0.8 ml
Reference substance: TMS
Sample temperature: 29.0 °C
Resonance frequency: 400.132 MHz
Spectral width: 4717.0 Hz
Data points (FID; spec.): 64 k; 64 k

Flip angle; Pulse width: 45 °; 6.2 µs
No. of scans; Rep. time: 32; 22.9 s
Weighting; Line broad.: exp.; 0.1 Hz
Spectral resolution: 0.3 Hz (TMS)
Instrument: Bruker AMX-400
Source reference: 950712-2630
Signature: *Markku Mesilaakso*
Markku Mesilaakso

nuc.	δ [ppm]	J [Hz]	Iterative analysis
a	1.782	15.6 (P)	
b	4.105	-10.2 (b'); 7.1 (c); 9.3 (P)	
b'	4.201	7.1 (c); 8.5 (P)	
c	1.357	0.3 (P)	
d	2.303	12.9 (P)	

a, b, c and d from O-ethyl O-methyl methylphosphonothionate

5-3-106

OPCW Code:05-3-0106(p1/1)