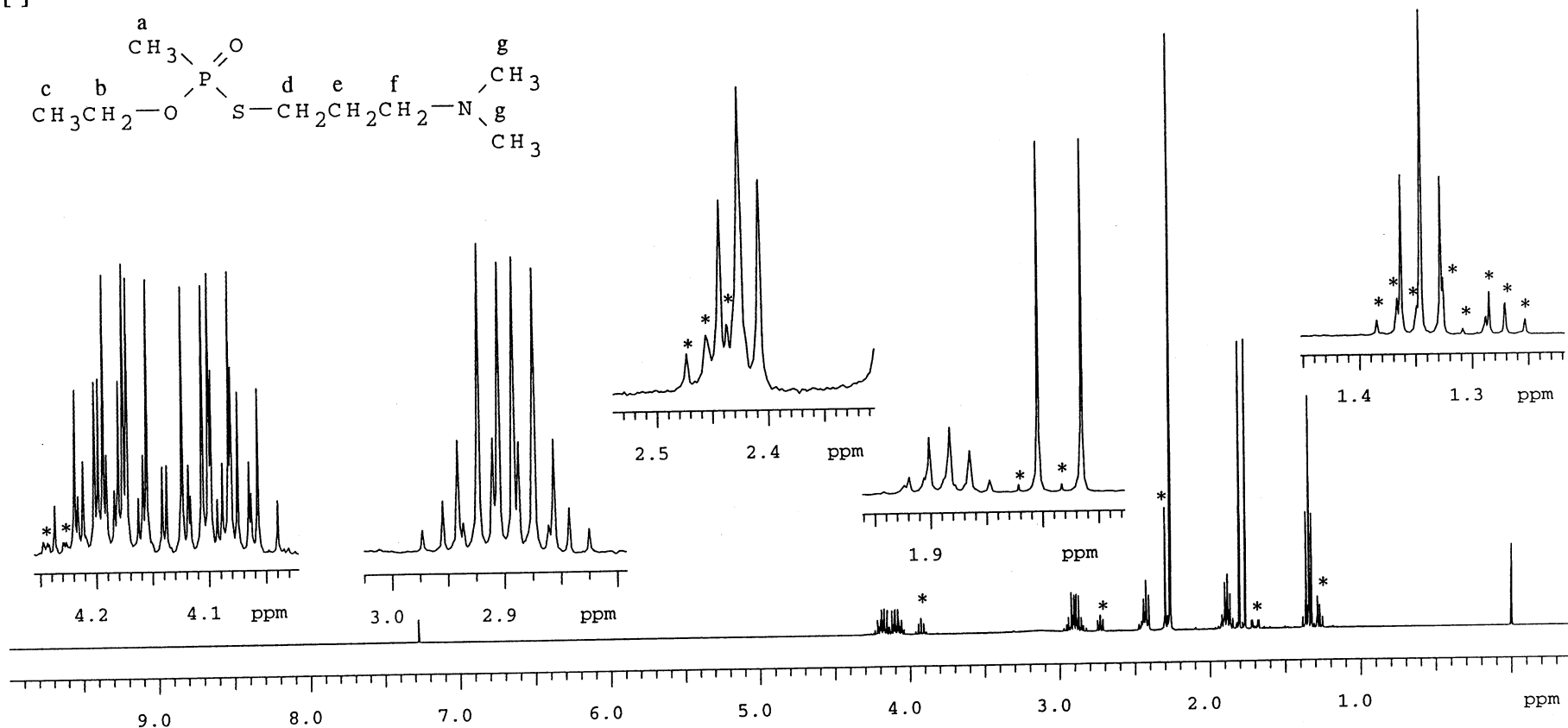
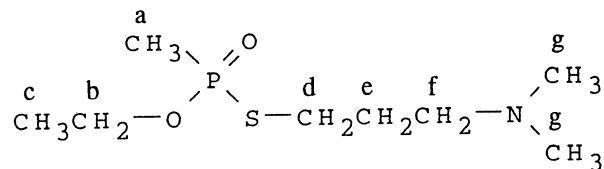


¹H NMR

O-Ethyl S-3-(dimethylamino)propyl methylphosphonothiolate

[-]



		Flip angle; Pulse width: 45 °; 6.2 μs		nuc. δ [ppm] J [Hz]		nuc. δ [ppm] J [Hz]		5-3-143
Solvent:	CDCl ₃	No. of scans; Rep. time: 32; 23.1 s		a	1.784 15.7 (P)	e	1.883 7.1 (f)	
Concentration:	22.9 mg/ 1.0 ml	Weighting; Line broad.: exp.; 0.1 Hz		b	4.092 9.3 (P); -10.1 (b'); 7.2 (c)	f	2.425	
Reference substance:	TMS	Spectral resolution: 0.2 Hz (TMS)		b'	4.185 8.4 (P); 6.9 (c)	g	2.265	
Sample temperature:	29.0 °C	Instrument: Bruker AMX-400		c	1.346			
Resonance frequency:	400.136 MHz	Source reference: 930512-621		d	2.879 12.5 (P); -12.5 (d'); 7.2 (e)			
Spectral width:	4629.6 Hz	Signature: Markku Mesilaakso		d'	2.917 12.5 (P); 7.2 (e)			
Data points (FID; spec.):	64 k; 64 k	Markku Mesilaakso						

OPCW Code:05-3-0143(p1/1)