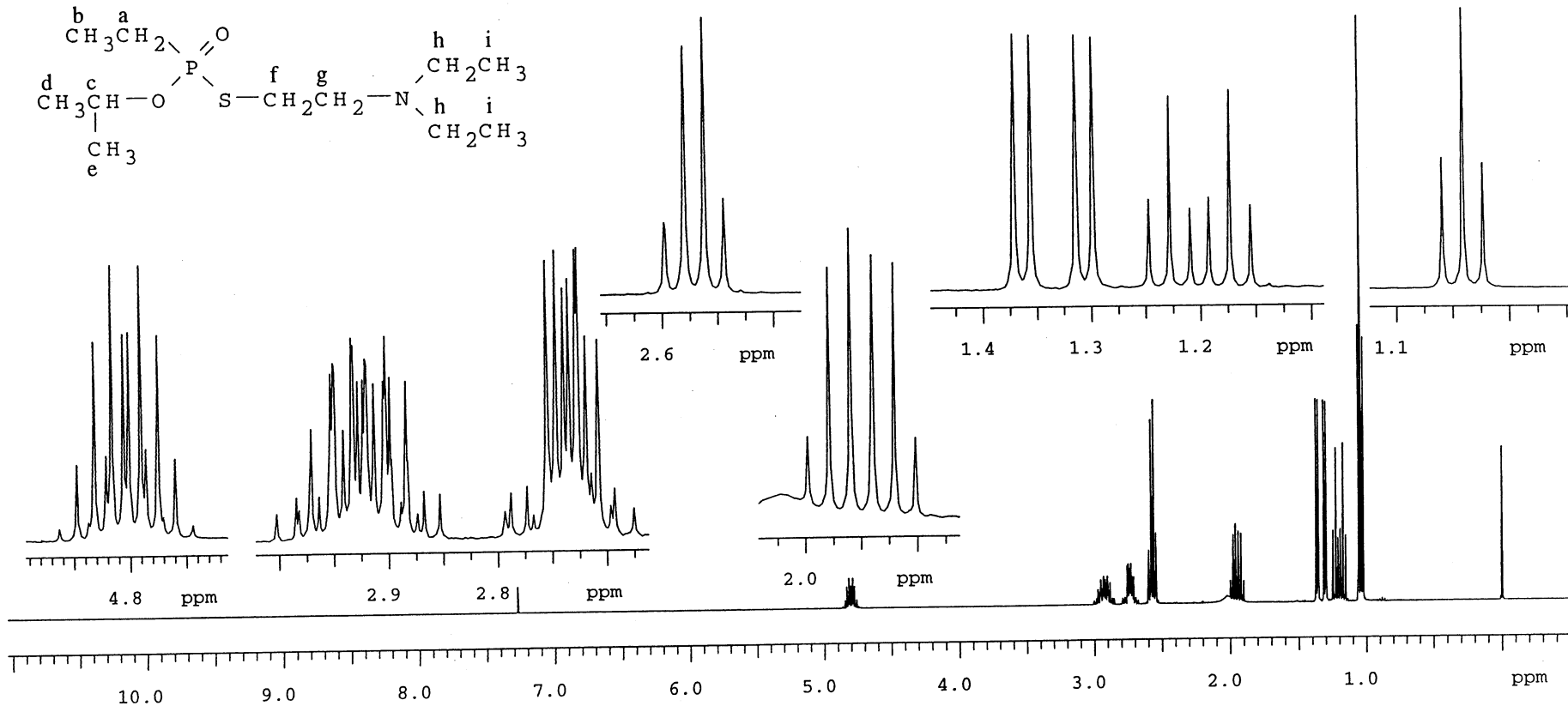
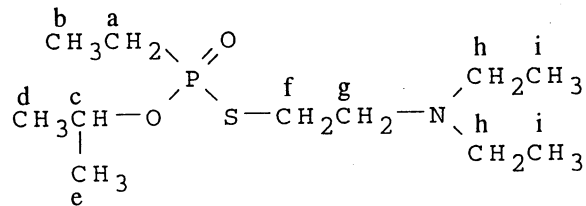


¹H NMR

O-Isopropyl S-2-(diethylamino)ethyl ethylphosphonothiolate

[162085-93-0]



Solvent:	CDCl ₃	Flip angle; Pulse width:	45 °; 6.2 μs	nuc. δ [ppm]	J [Hz]	nuc. δ [ppm]	J [Hz]
Concentration:	25.0 mg/ 1.0 ml	No. of scans; Rep. time:	32; 23.1 s	a	1.949 15.6 (P); 7.6 (b)	f'	2.947 11.9 (P); 6.0 (g); 9.1 (g')
Reference substance:	TMS	Weighting; Line broad.:	exp.; 0.1 Hz	b	1.201 21.9 (P)	g	2.720 -13.2 (g')
Sample temperature:	29.0 °C	Spectral resolution:	0.2 Hz (TMS)	c	4.804 10.4 (P); 6.2 (d; e)	g'	2.747
Resonance frequency:	400.136 MHz	Instrument:	Bruker AMX-400	d	1.364	h	2.571 7.1 (i)
Spectral width:	4629.6 Hz	Source reference:	930513-625	e	1.306	i	1.042
Data points (FID; spec.):	64 k; 64 k	Signature:	<i>Markku Mesilaakso</i>	f	2.906 11.8(P); -12.6(f'); 9.2 (g); 5.6 (g')		Iterative analysis
			Markku Mesilaakso				

OPCW Code:05-3-0082(p1/1)