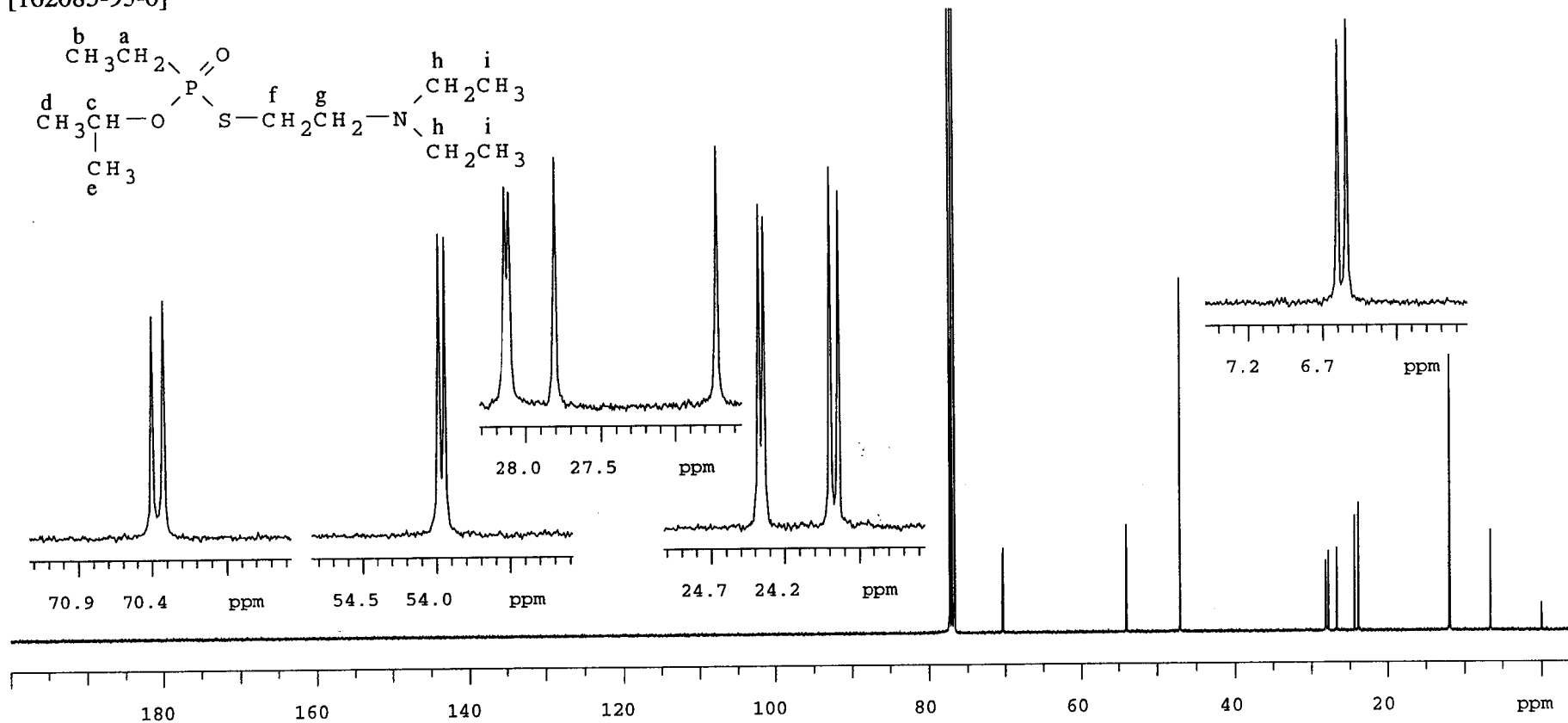


$^{13}\text{C}\{^1\text{H}\}$  NMR

**O-Isopropyl S-2-(diethylamino)ethyl ethylphosphonothiolate**  
 [162085-93-0]



Solvent:	$\text{CDCl}_3$	Flip angle; Pulse width:	$33^\circ$ ; $2.6 \mu\text{s}$	nuc.	$\delta$ [ppm]	J [Hz]	nuc.	$\delta$ [ppm]	J [Hz]
Concentration:	25.0 mg/ 1.0 ml	No. of scans; Rep. time:	12288; 3.7 s	a	27.26	109.0 (P)	f	28.13	2.9 (P)
Reference substance:	TMS	Weighting; Line broad.:	exp.; 0.5 Hz	b	6.57	6.2 (P)	g	53.97	4.0 (P)
Sample temperature:	$29.0^\circ\text{C}$	Spectral resolution:	0.6 Hz (TMS)	c	70.36	7.6 (P)	h	47.08	
Resonance frequency:	100.624 MHz	Instrument:	Bruker AMX-400	d	23.87	5.5 (P)	i	11.93	
Spectral width:	23809.5 Hz	Source reference:	930504-591	e	24.36	3.3 (P)			
Data points (FID; spec.):	64 k; 64 k	Signature:	<i>Markku Mesilaakso</i>						
			Markku Mesilaakso						