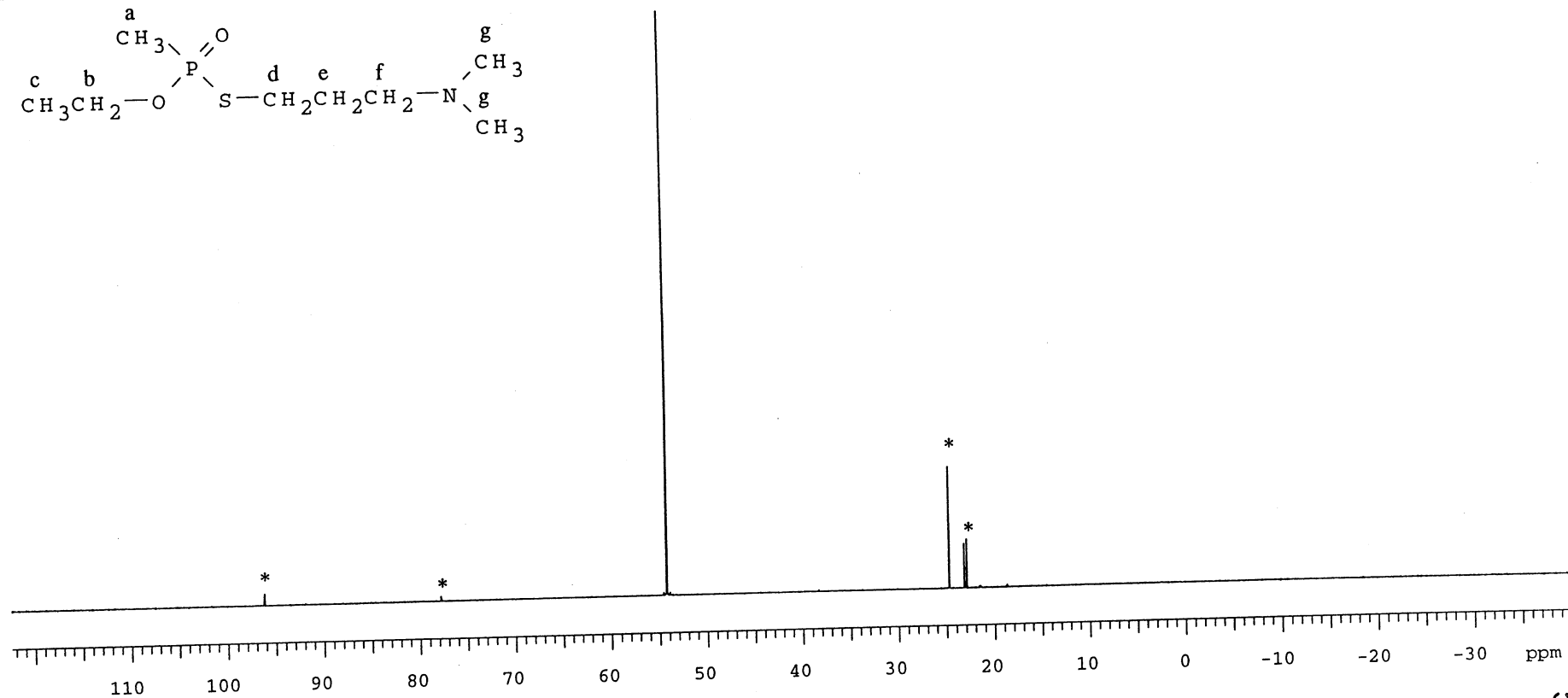
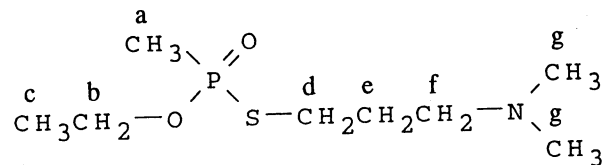


$^{31}\text{P}\{^1\text{H}\}$ NMR

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

[-]



Solvent:	CDCl_3	Flip angle; Pulse width:	45 °; 2.8 μs	nuc.	δ [ppm]
Concentration:	22.9 mg/ 1.0 ml	No. of scans; Rep. time:	64; 7.2 s	P	54.26
Reference substance:	ext. H_3PO_4	Weighting; Line broad.:	exp.; 1.0 Hz		
Sample temperature:	30.0 °C	Spectral resolution:	0.4 Hz (P)		
Resonance frequency:	161.982 MHz	Instrument:	Bruker AMX-400		
Spectral width:	26315.8 Hz	Source reference:	961115-3583		
Data points (FID; spec.):	64 k; 64 k	Signature:	<i>Markku Mesilaakso</i>		
			Markku Mesilaakso		

5-3-145

OPCW Code:05-3-0145(p1/1)