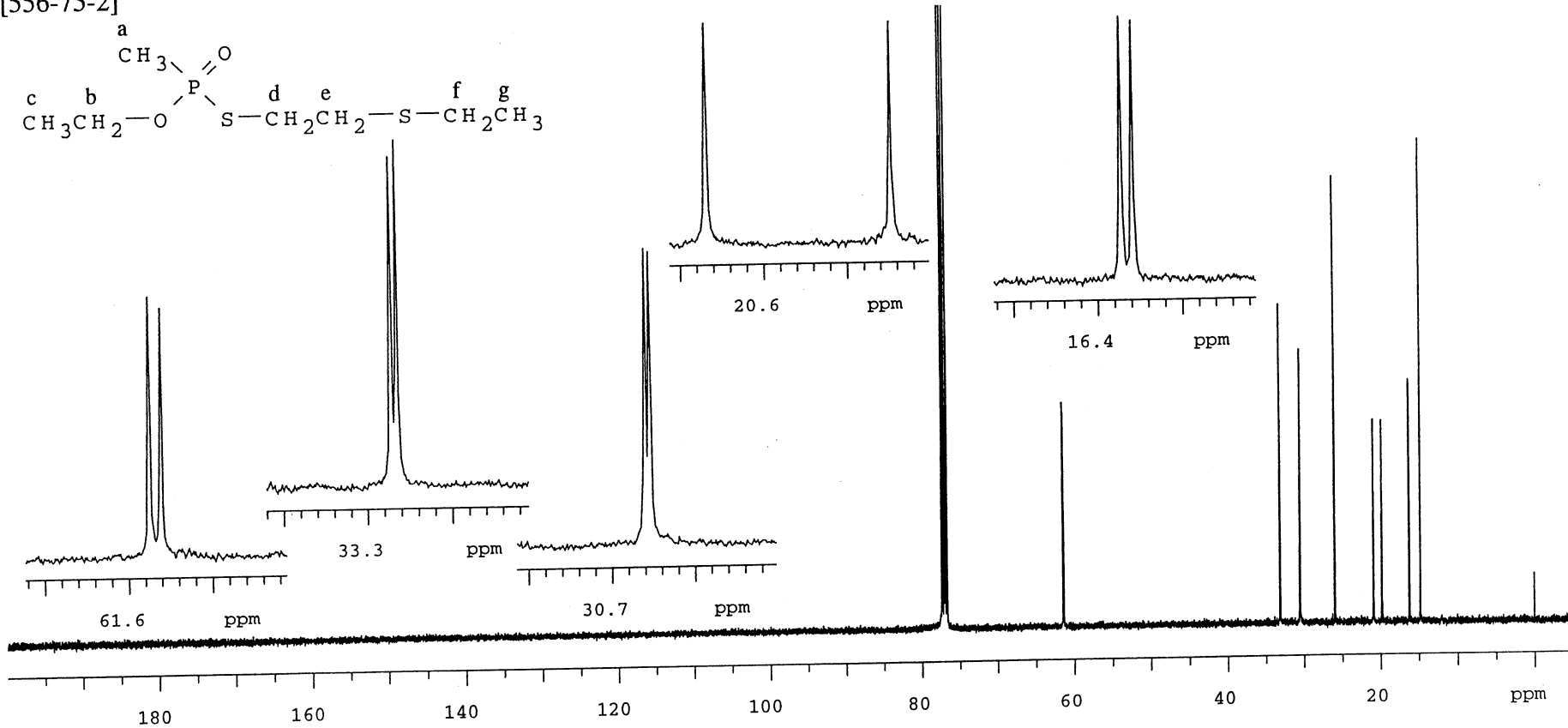
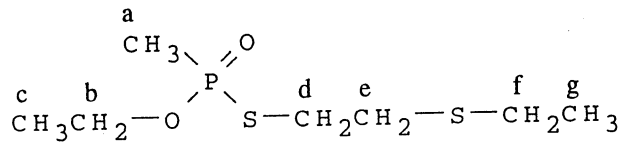


¹³C{¹H} NMR

O-Ethyl S-2-(ethylthio)ethyl methylphosphonothiolate

[556-75-2]



| | | | | | | | | |
|---------------------------|-------------------|--------------------------|--------------------------|------|---------|-----------|------|---------|
| Solvent: | CDCl ₃ | Flip angle; Pulse width: | 33 °; 2.6 μs | nuc. | δ [ppm] | J [Hz] | nuc. | δ [ppm] |
| Concentration: | 22.8 mg/ 1.0 ml | No. of scans; Rep. time: | 10240; 3.7 s | a | 20.39 | 111.0 (P) | g | 14.80 |
| Reference substance: | TMS | Weighting; Line broad.: | exp.; 0.5 Hz | b | 61.44 | 7.1 (P) | | |
| Sample temperature: | 29.5 °C | Spectral resolution: | 0.4 Hz (TMS) | c | 16.23 | 7.1 (P) | | |
| Resonance frequency: | 100.624 MHz | Instrument: | Bruker AMX-400 | d | 30.48 | 2.9 (P) | | |
| Spectral width: | 23809.5 Hz | Source reference: | 930416-578 | e | 33.14 | 3.6 (P) | | |
| Data points (FID; spec.): | 64 k; 64 k | Signature: | <i>Markku Mesilaakso</i> | f | 25.98 | | | |
| | | | Markku Mesilaakso | | | | | |

OPCW Code:05-3-0140(p1/1)

5-3-140