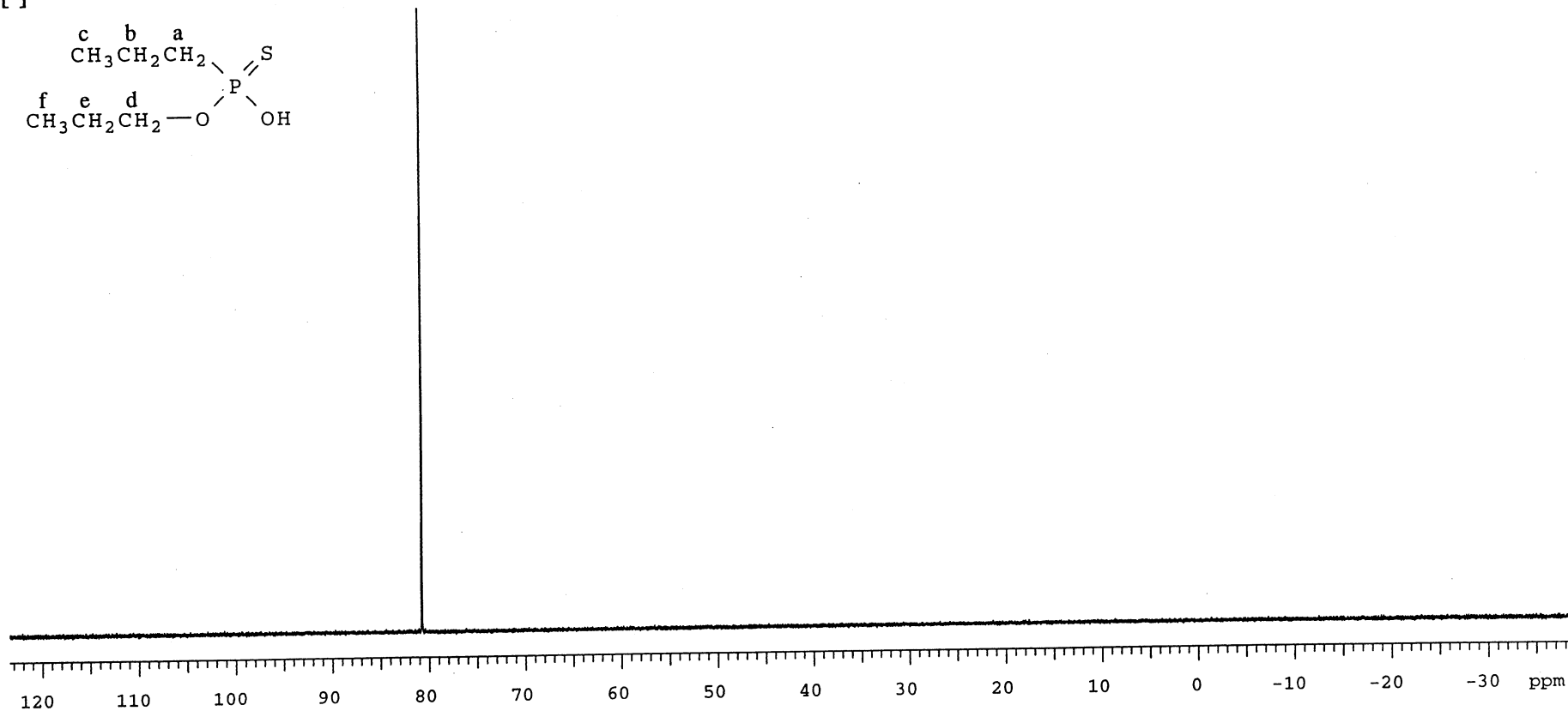
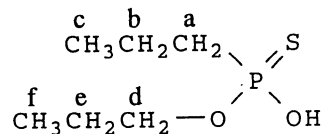


$^{31}\text{P}\{^1\text{H}\}$ NMR

O-Propyl propylphosphonothionate

[-]



Solvent: $(\text{CD}_3)_2\text{CO}$
Concentration: 3.9 mg/ 0.8 ml
Reference substance: ext. H_3PO_4
Sample temperature: 30.0 °C
Resonance frequency: 161.982 MHz
Spectral width: 26315.8 Hz
Data points (FID; spec.): 64 k; 64 k

Flip angle; Pulse width: 90 °; 8.5 μs
No. of scans; Rep. time: 64; 7.2 s
Weighting; Line broad.: exp.; 1.0 Hz
Spectral resolution: 0.7 Hz (P)
Instrument: Bruker AMX-400
Source reference: 980604-4670
Signature: *Markku Mesilaakso*
Markku Mesilaakso

nuc. δ [ppm]
P 80.71

5 - 3 - 1 1 5

OPCW Code:05-3-0115(P1/1)