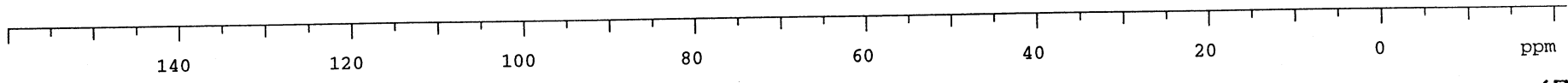
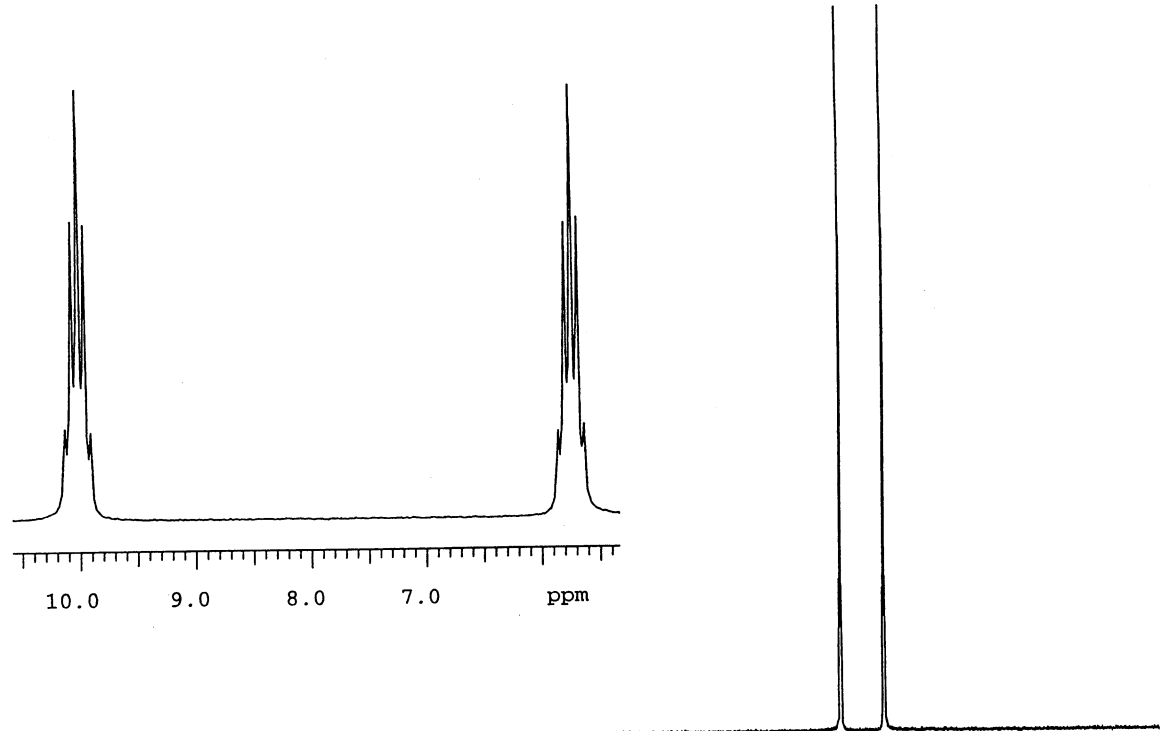
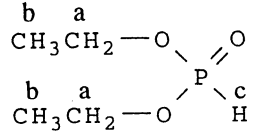


<sup>31</sup>P NMR

**Diethylphosphite**  
[762-04-9]



Solvent: CDCl<sub>3</sub>  
Concentration: 20 μl/ 0.8 ml  
Reference substance: ext. P(OH)<sub>4</sub>ClO<sub>4</sub>  
Sample temperature: 30.0 °C  
Resonance frequency: 161.987 MHz  
Spectral width: 29411.8 Hz  
Data points (FID; spec.): 64 k; 128 k

Flip angle; Pulse width: 30 °; 2.6 μs  
No. of scans; Rep. time: 64; 7.1 s  
Weighting; Line broad.: exp.; 1.0 Hz  
Spectral resolution: 0.4 Hz (P)  
Instrument: Bruker AMX-400  
Source reference: 970928-4075  
Signature: *Markku Mesilaakso*  
Markku Mesilaakso

nuc. δ [ppm] J [Hz]  
P 7.88 692.3 (H-c)  
For other coupling see <sup>1</sup>H spectrum  
δ(P(OH)<sub>4</sub>ClO<sub>4</sub>) = 0.66 vs. δ(H<sub>3</sub>PO<sub>4</sub>) = 0.00

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OPCW Code:05-3-0164(p1/1)