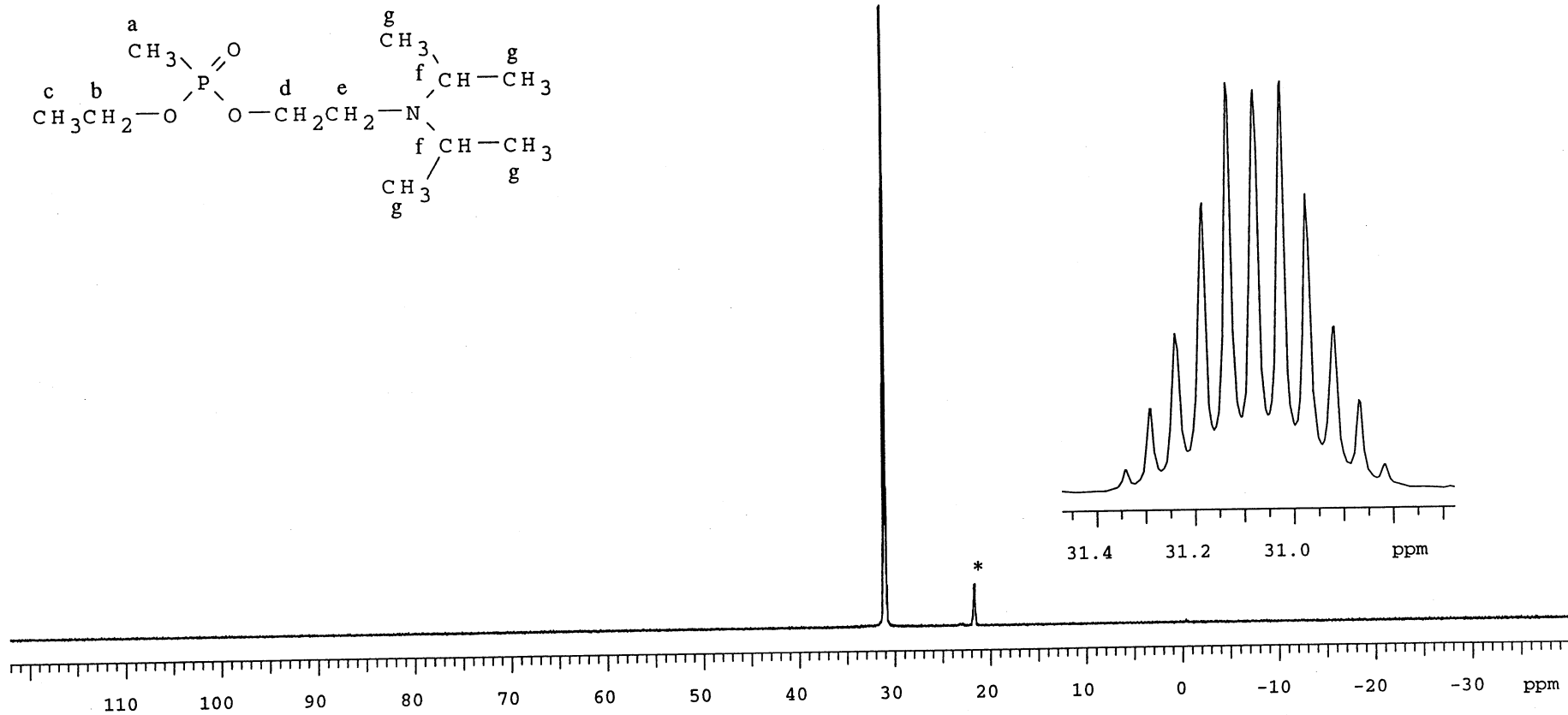
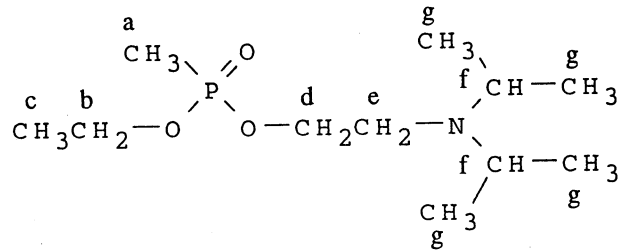


<sup>31</sup>P NMR

**O-Ethyl O-2-(diisopropylamino)ethyl methylphosphonate**  
[71840-26-1]



Solvent: CDCl<sub>3</sub> + CD<sub>3</sub>CN  
Concentration: 50 μl/ 0.8 ml  
Reference substance: ext. H<sub>3</sub>PO<sub>4</sub>  
Sample temperature: 26.5 °C  
Resonance frequency: 161.982 MHz  
Spectral width: 26315.8 Hz  
Data points (FID; spec.): 64 k; 64 k

Flip angle; Pulse width: 53 °; 9.0 μs  
No. of scans; Rep. time: 256; 7.2 s  
Weighting; Line broad.: exp.; 0.5 Hz  
Spectral resolution: 1.2 Hz (P)  
Instrument: Bruker AMX-400  
Source reference: 950613-2536  
Signature: *Markku Mesilaakso*  
Markku Mesilaakso

nuc. δ [ppm]  
P 31.08 For couplings see the <sup>1</sup>H spectrum.

10 μl CD<sub>3</sub>CN added.

5-3-101

OPCW Code:05-3-0101(p/1/1)