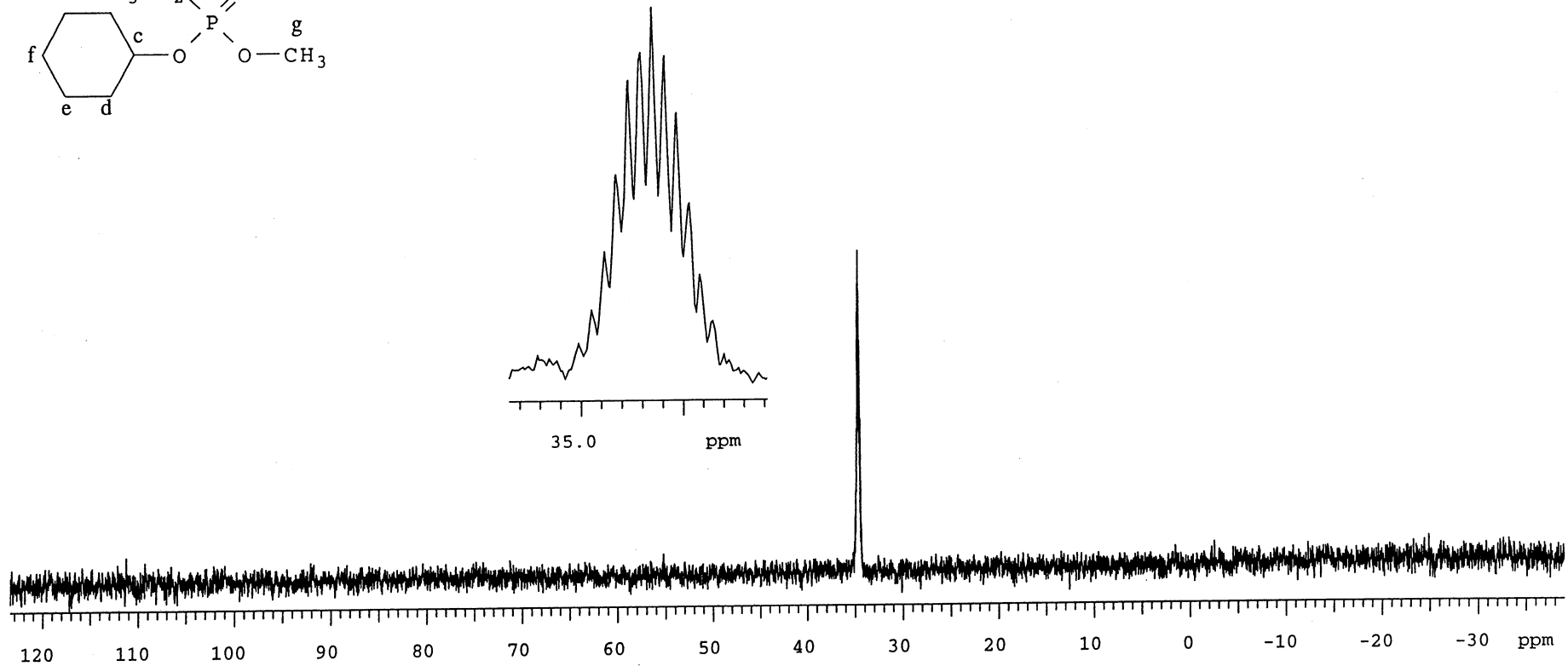
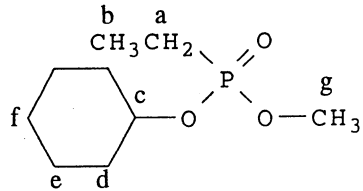


³¹P NMR

O-Cyclohexyl O-methyl ethylphosphonate

[-]



Solvent: (CD₃)₂CO
Concentration: 5.0 µl/0.6 ml
Reference substance: ext. P(OH)₄ClO₄
Sample temperature: 25.0 °C
Resonance frequency: 161.982 MHz
Spectral width: 26315.8 Hz
Data points (FID; spec.): 64 k; 64 k

Flip angle; Pulse width: 90 °; 12.5 µs
No. of scans; Rep. time: 256; 5.1 s
Weighting; Line broad.: exp.; 1.0 Hz
Spectral resolution: 5.0 Hz (P)
Instrument: Bruker AMX-400
Source reference: 950204-2318
Signature: *Markku Mesilaakso*
Markku Mesilaakso

nuc. δ [ppm]
P 34.64 For couplings see the ¹H spectrum

δ(P(OH)₄ClO₄) = 0.66 vs. δ(H₃PO₄) = 0.00

5-3-122

OPCW Code:05-3-0122(p1/1)