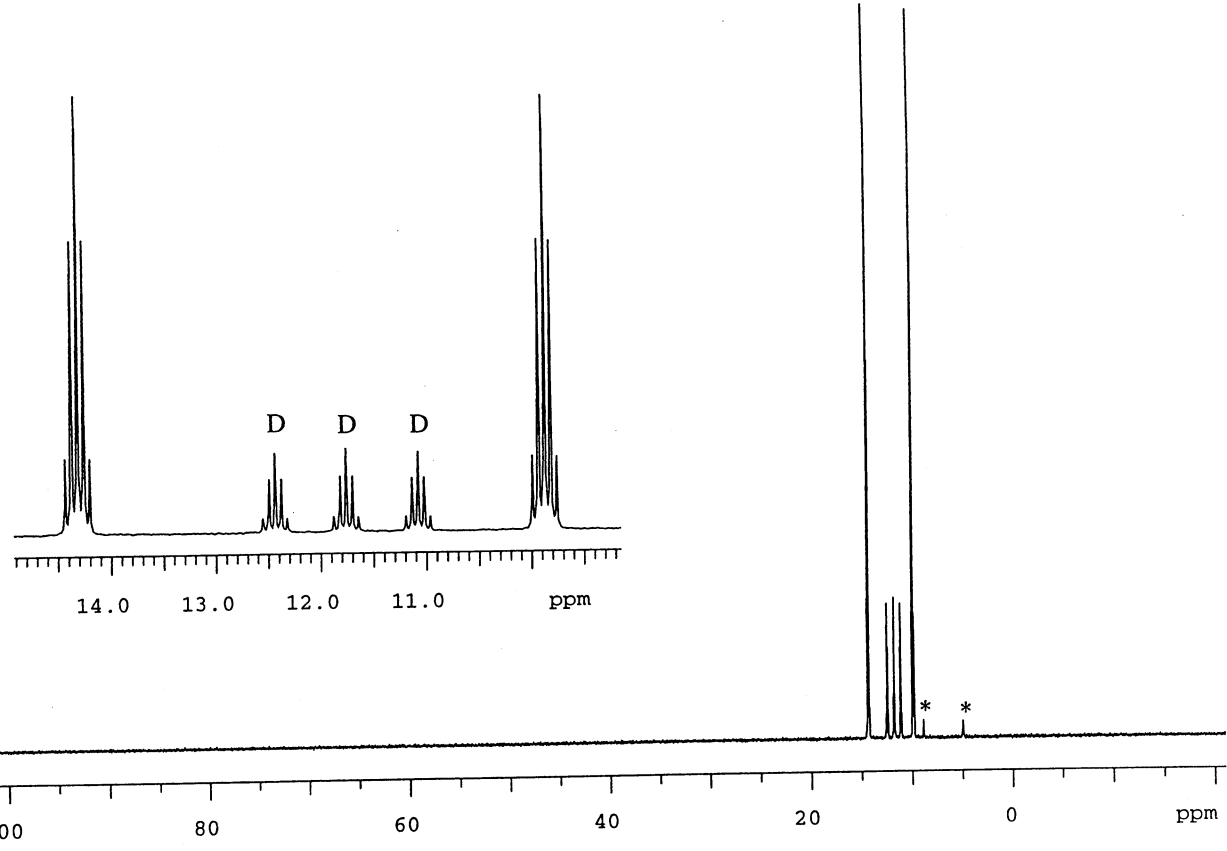
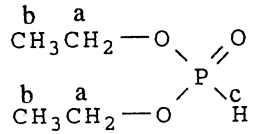


³¹P NMR

Diethylphosphite

[762-04-9]



Solvent: D₂O; pH 1.5
Concentration: 20 μl/1.0 ml
Reference substance: ext. P(OH)₄ClO₄
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: 971029-4152
Signature: *Markku Mesilaakso*
Markku Mesilaakso

nuc. δ [ppm]
P 12.10 For couplings see the ¹H spectrum

δ(P(OH)₄ClO₄) = 0.66 vs. δ(H₃PO₄) = 0.00
D = proton c changed to deuterium, J_{PD} = 110.0 Hz