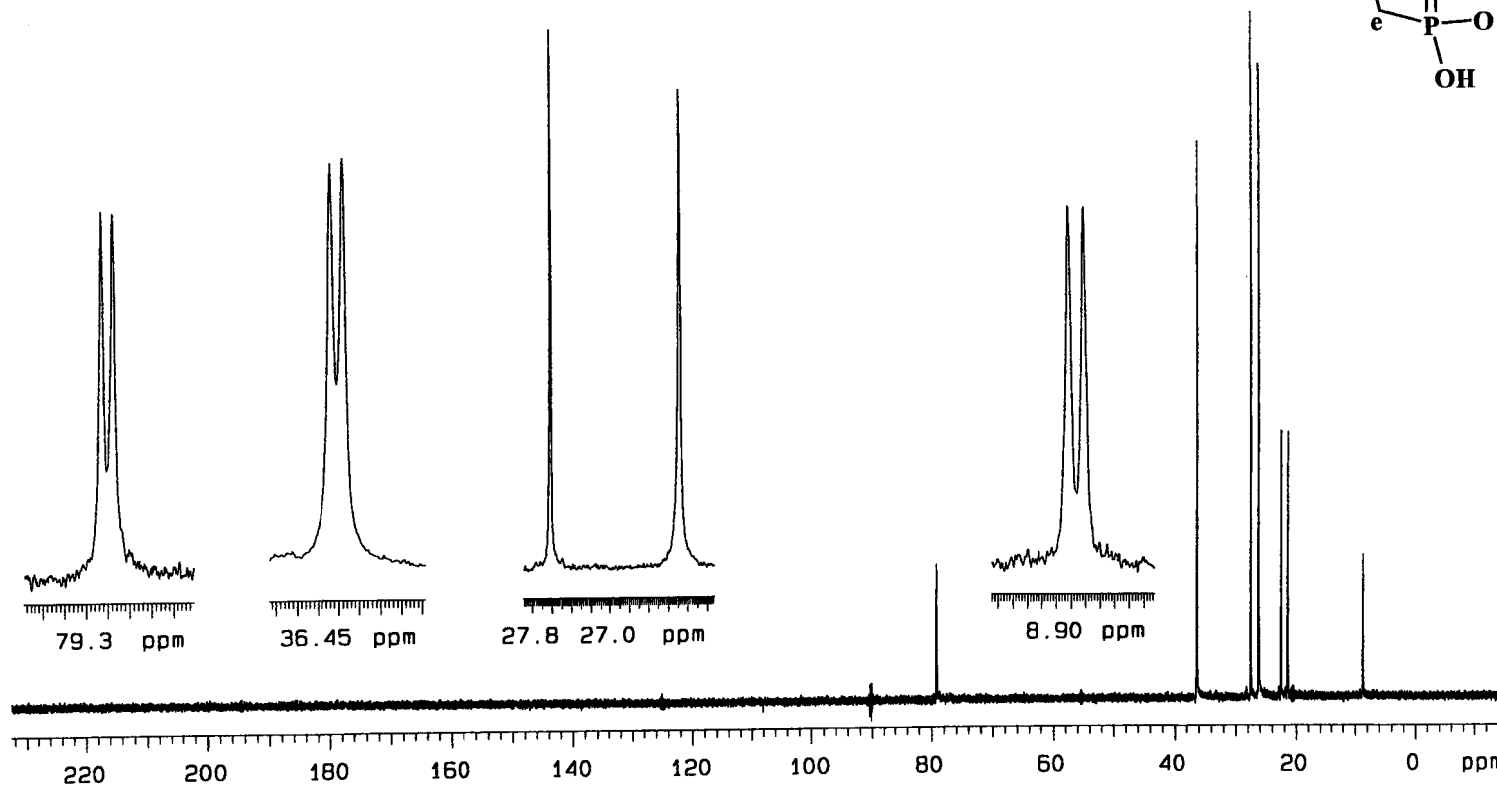
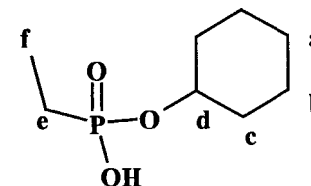


## Cyclohexyl ethylphosphonate

 $^{13}\text{C}\{^1\text{H}\}$  NMR

Res.freq: 125.697 MHz  
 Solvent: D<sub>2</sub>O (pH=1)  
 Temperature: 28°C  
 Concentration: 0.077 μl/ μl  
 Reference: TSPA-d<sub>4</sub> [external]  
 Spectral Width: 31298.9 Hz  
 Data points [Fid]: 115712  
 Data Points [Spectrum]: 256K

Pulse Width: 10 μs [72°]  
 Number of Scans: 4096  
 Line Broadening: exp. 0.5 Hz  
 Rep.time: 1.85s  
 Resolution: 1.4 Hz (TSPA-d<sub>4</sub>)  
 Instrument: Varian INOVA 500

*Urs Mein*

nuc δ[ppm]  
 a: 27.63  
 b: 26.30  
 c: 36.41  
 d: 79.21  
 e: 22.03  
 f: 8.84

J(c,P) = 3.6  
 J(d,P) = 6.7  
 J(e,P) = 138.0  
 J(f,P) = 6.9

OPCW Code: 07-3-0521 (p1/1)