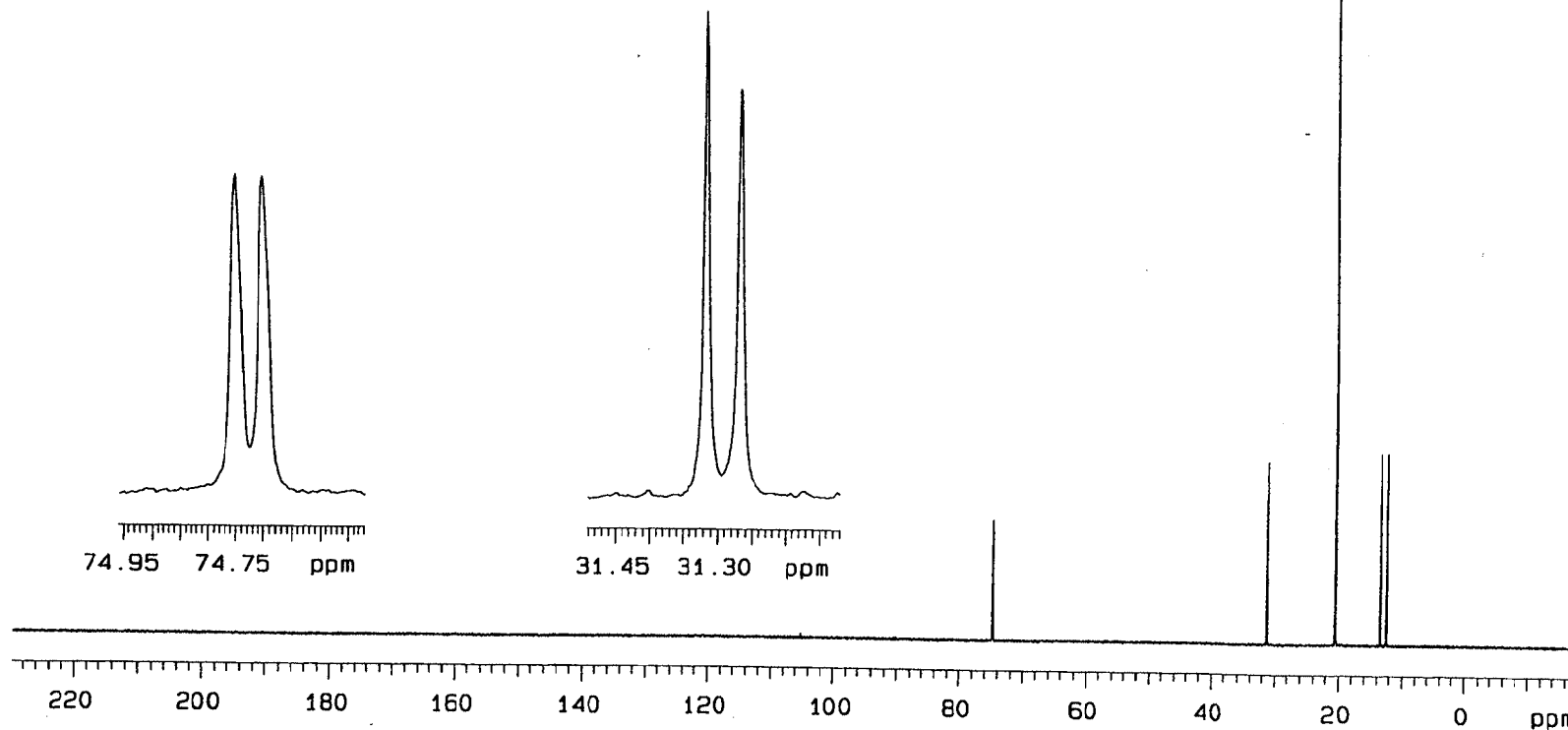
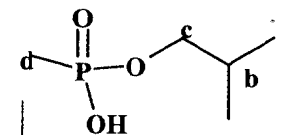


Isobutyl methylphosphonate
1604-38-2

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



Res.freq: 125.697 MHz

Solvent: D_2O (pH=1)

Temperature: 28°C

Concentration: 0.077 $\mu\text{l}/\mu\text{l}$

Reference: TSPA- d_4 [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:

Instrument: Varian INOVA 500

Un Mei

nuc δ [ppm]

a: 20.60

b: 31.29

c: 74.73

d: 13.02

J[Hz]

J(b,P) = 6.3

J(c,P) = 6.2

J(d,P) = 138.9