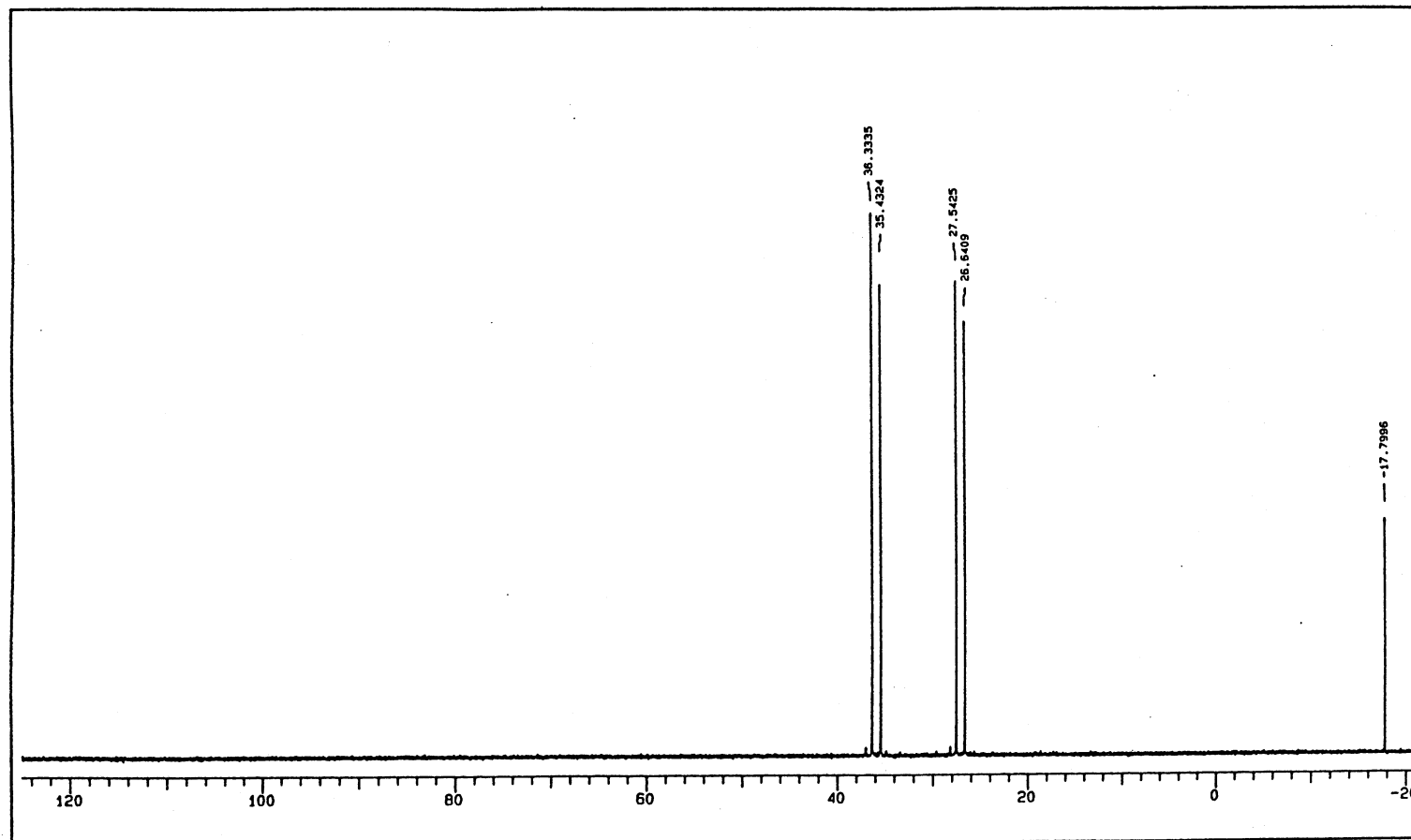
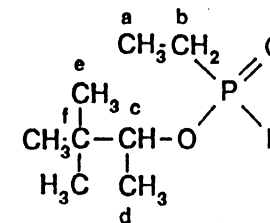


## Pinacoyl ethylphosphonofluoridate

[97931-20-9]

 $^{31}\text{P}\{\text{H}\}\text{-NMR}$ 

nuc.  $\delta$  [ppm]  
 P 31.04, 31.94

J(P,F) 1067.6 Hz

mixture of diastereomers

Res. freq. 121.421 MHz  
 Solvent:  $\text{CDCl}_3$   
 Temperature:  $24^\circ\text{C}$   
 Concentration: approx. 20mg/ml  
 Reference: Triphenylphosphate (TPP)  
 (-17.8ppm, internal)

Spectral width: 17986 Hz  
 Data points (FID): 59968  
 Data points (spec.): 32K  
 Pulse width:  $5.0 \mu\text{s}$  ( $45^\circ$ )  
 Number of scans: 1511

Rep.time.: 1.67 s  
 Line broad.: exp., 0.5 Hz  
 Resolution: 1.25 Hz (TPP), 2.00 Hz (P)  
 Instrument: Varian VXR-300  
 Filename: