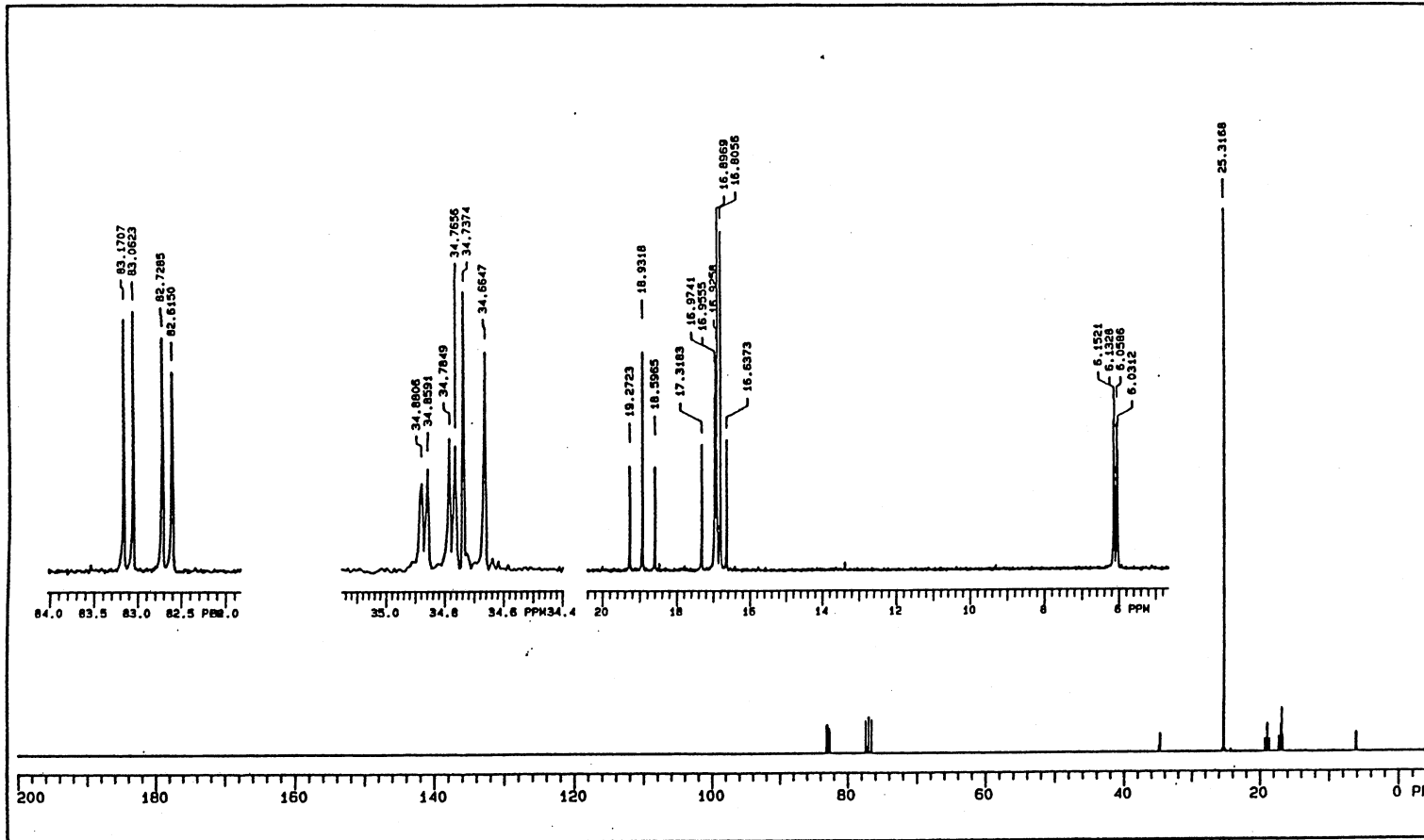
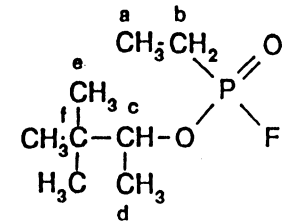


## Pinacolyl ethylphosphonofluoridate

[97931-20-9]

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

nuc.	$\delta$ [ppm]
a	6.08, 6.09
b	17.78, 18.12
c	82.67, 83.11
d	16.80, 16.91
e	25.32
f	34.70, 34.82

J(a,P)	7.5 Hz
J(b,P)	148.2 Hz
J(b,F)	25.7 Hz
J(c,P)	8.7, 8.2 Hz
J(f,P)	5.6, 7.3 Hz
J(f,F)	1.5 Hz

mixture of diastereomers

Res. freq. 75.429 MHz  
 Solvent:  $\text{CDCl}_3$   
 Temperature:  $24^\circ\text{C}$   
 Concentration: approx. 100mg/ml  
 Reference:  $\text{CDCl}_3$  (77.0ppm)

Spectral width: 16502 Hz  
 Data points (FID): 54080  
 Data points (spec.): 32K  
 Pulse width: 5.6  $\mu\text{s}$  ( $38^\circ$ )  
 Number of scans: 32880

Rep.time.: 1.64 s  
 Line broad.: exp., 0.5 Hz  
 Resolution: 0.99 Hz (C-b)  
 Instrument: Varian VXR-300  
 Filename: