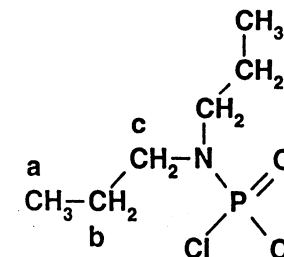
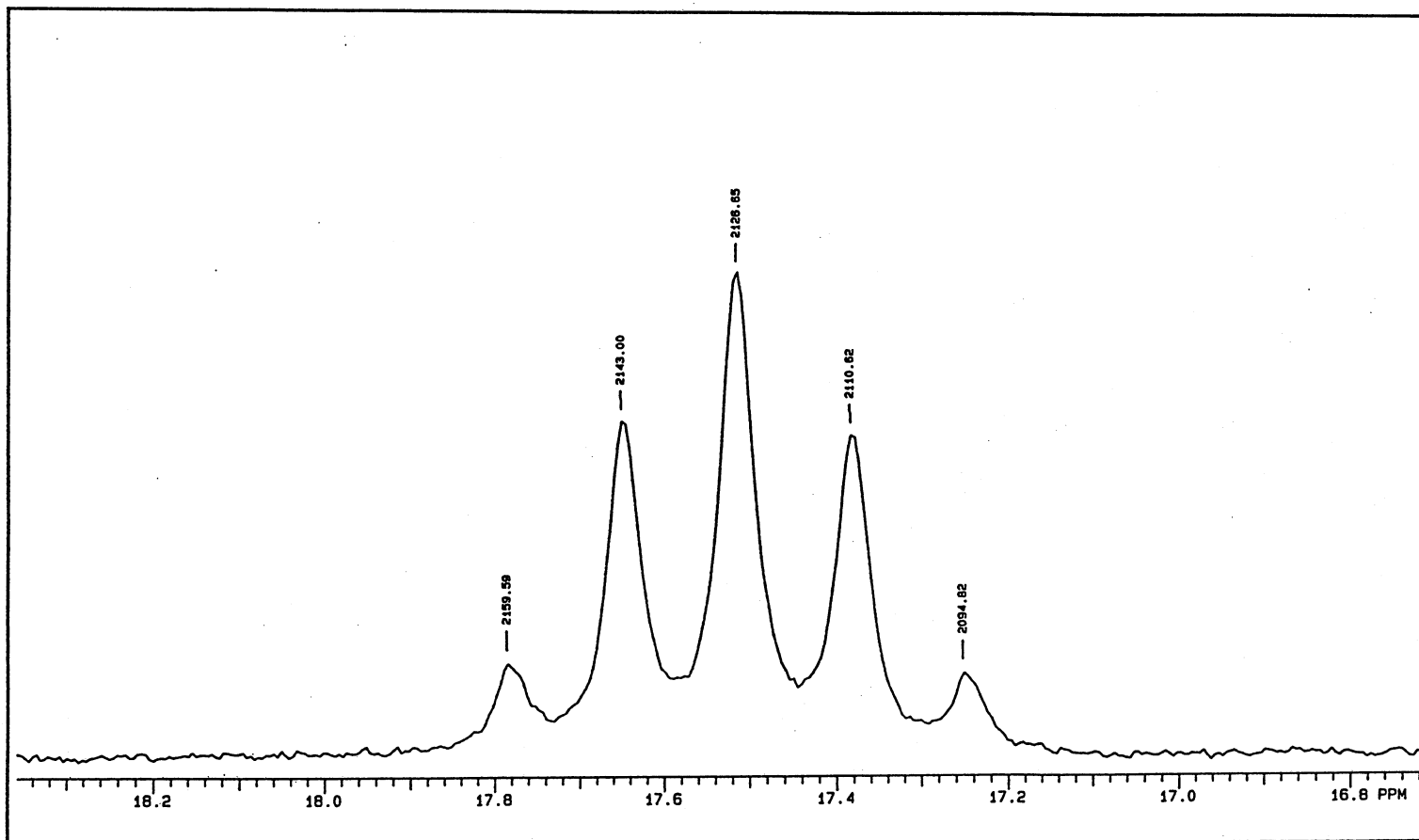


**N,N-Di-n-propyl phosphoramidic dichloride**

[40881-98-9]

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

J(P,c) 15.5 Hz



Res. freq. 121.421 MHz  
 Solvent:  $\text{CDCl}_3$   
 Temperature: 24°C  
 Concentration: approx. 100mg/ml  
 Reference: Triphenylphosphate  
 (-17.8ppm, external)

Spectral width: 17986 Hz  
 Data points (FID): 59968  
 Data points (spec.): 32K  
 Pulse width: 5.0  $\mu\text{s}$  (45°)  
 Number of scans: 97

Rep.time.: 1.67 s  
 Line broad.: exp., 0.5 Hz  
 Resolution:  
 Instrument: Varian VXR-300  
 Filename: ME1556/91