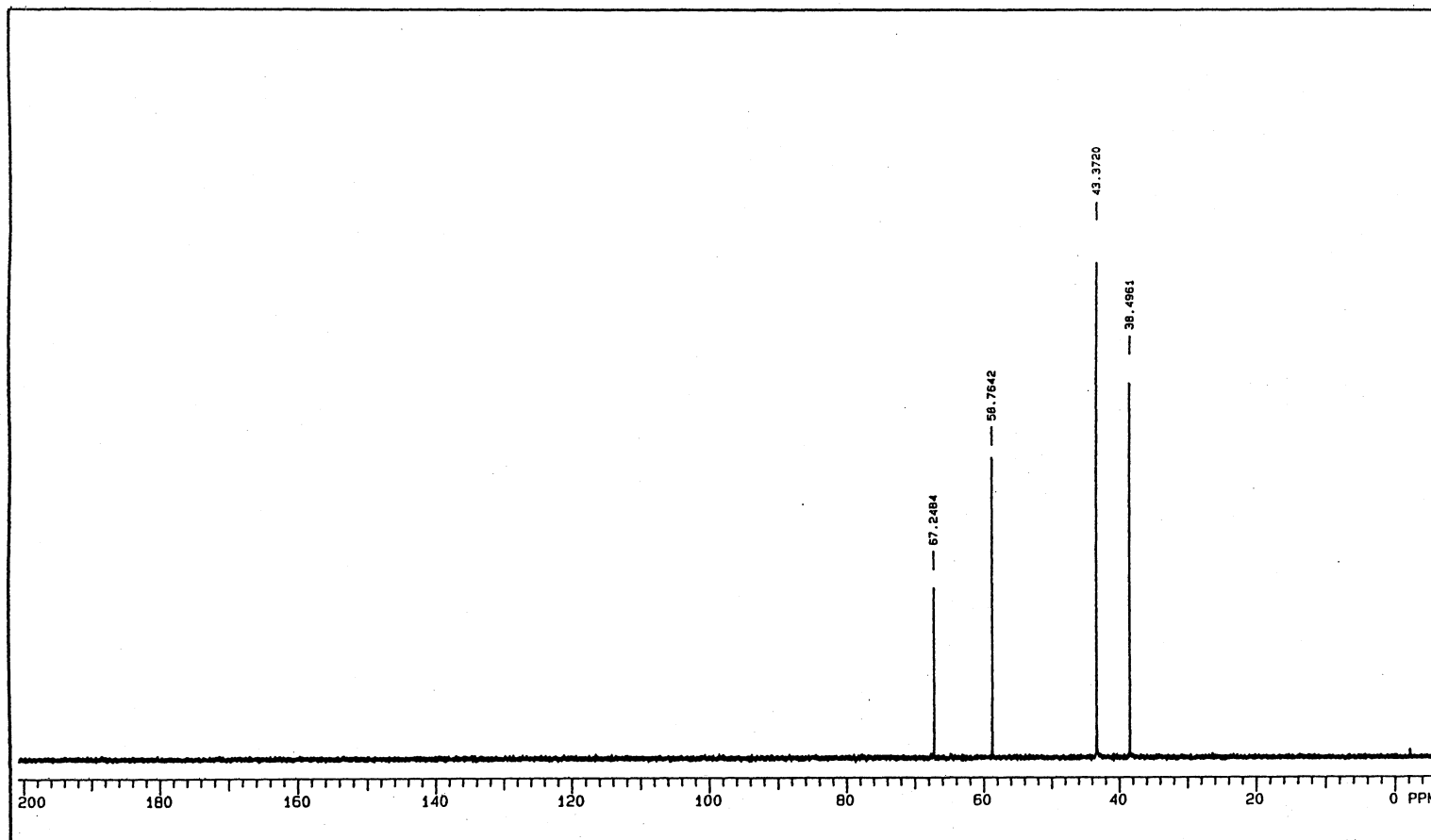
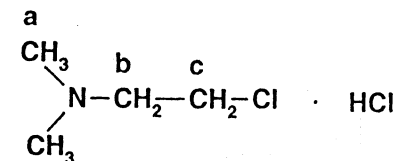


**N,N-Dimethylaminoethyl-2-chloride hydrochloride**

[4584-46-7]

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

nuc.	$\delta$ [ppm]
a	43.37
b	58.76
c	38.50

Res. freq. 75.429 MHz  
 Solvent:  $\text{D}_2\text{O}/\text{DCl}$  (pH 0)  
 Temperature: 24°C  
 Concentration: approx. 100mg/ml  
 Reference: dioxane  
 (67.25ppm, internal)

Spectral width: 17699 Hz  
 Data points (FID): 64K  
 Data points (spec.): 32K  
 Pulse width: 5.6  $\mu\text{s}$  (45°)  
 Number of scans: 544

Rep.time.: 1.85 s  
 Line broad.: exp., 0.5 Hz  
 Resolution: 1.04 Hz (dioxane)  
 Instrument: Varian VXR-300  
 Sample code: KU29196/1  
 Filename: KC2914/96