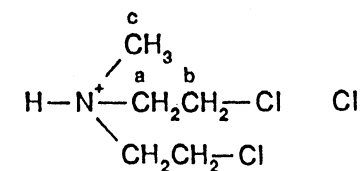
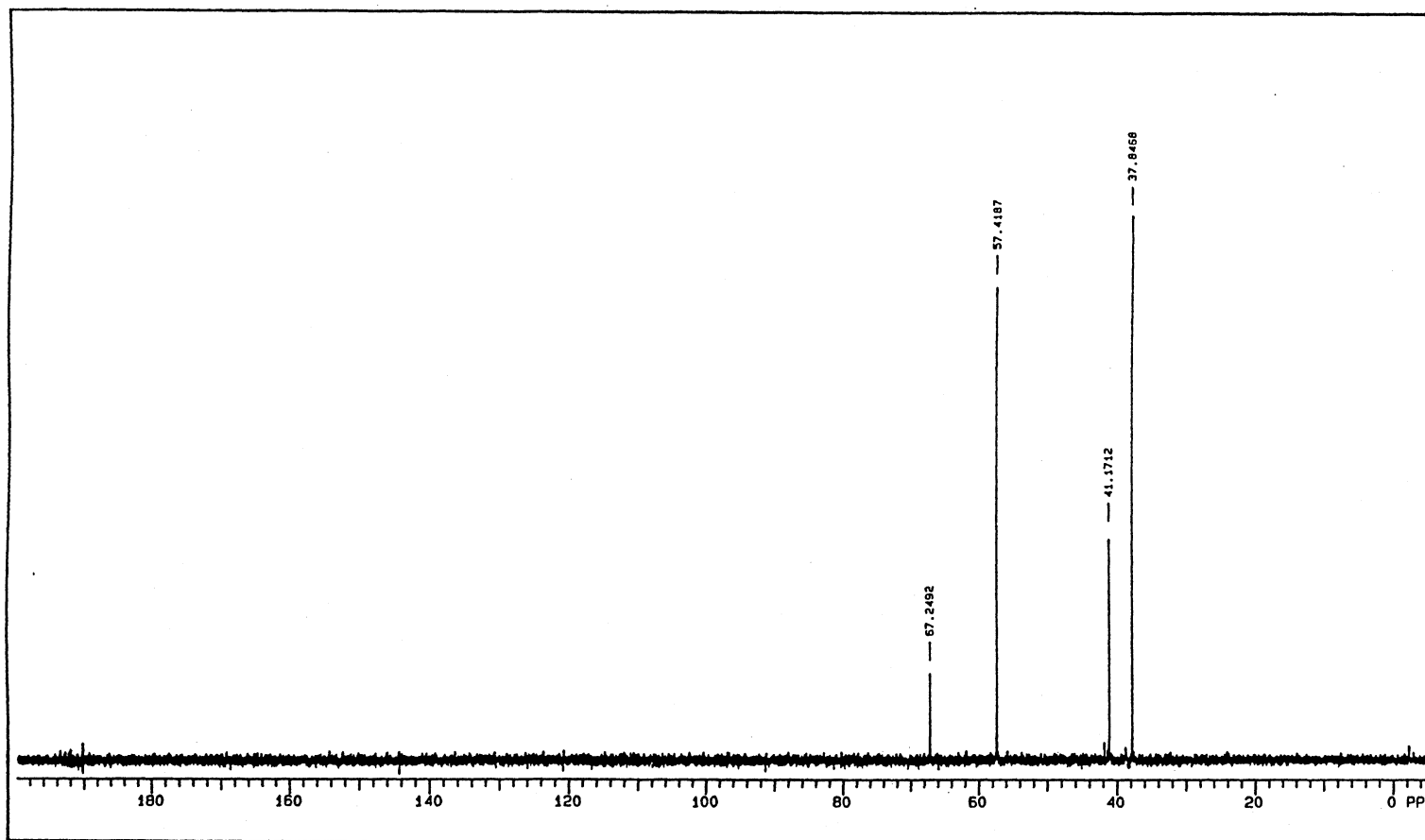


Bis(2-chloroethyl)methylamine hydrochloride

[55-86-7] (hydrochloride)

[51-75-2] (base)

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

| nuc. | δ [ppm] |
|------|----------------|
| a | 57.42 |
| b | 37.85 |
| c | 41.17 |

Res. freq. 75.429 MHz
 Solvent: D₂O (pH 4.5)
 Temperature: 24°C
 Concentration: 50mg/ml
 Reference: dioxane
 (67.25ppm, internal)

Spectral width: 17699 Hz
 Data points (FID): 64K
 Data points (spec.): 32K
 Pulse width: 5.6 μ s (38°)
 Number of scans: 1341

Rep.time.: 1.85 s
 Line broad.: exp., 0.5 Hz
 Resolution: 0.97 Hz (dioxane)
 Instrument: Varian VXR-300
 Filename: