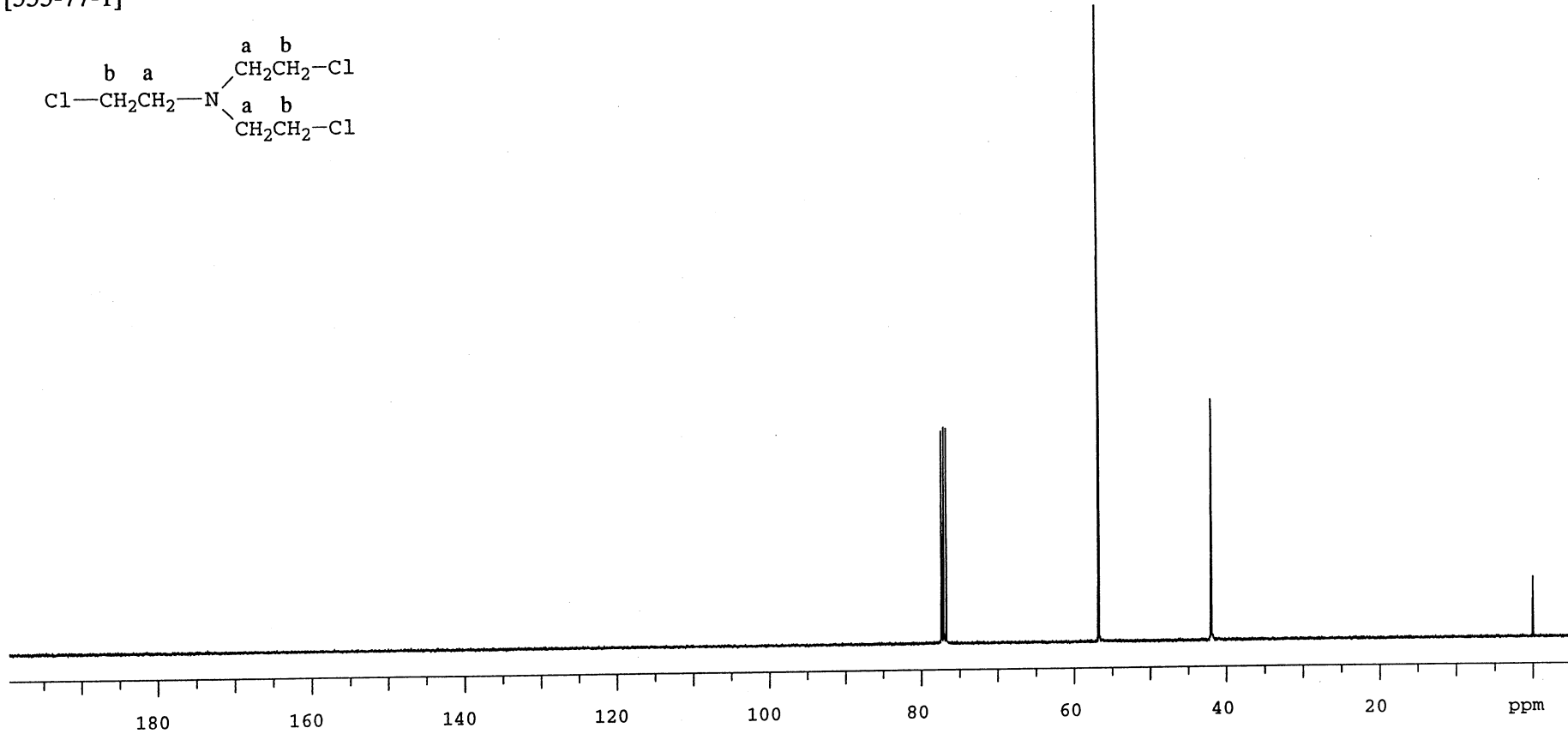
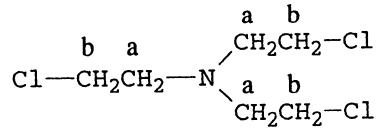


$^{13}\text{C}\{^1\text{H}\}$ NMR

HN-3 (Tris(2-chloroethyl)amine)
[555-77-1]



Solvent:	CDCl_3	Flip angle; Pulse width:	46 °; 3.3 μs	nuc.	δ [ppm]
Concentration:	10 μl / 0.8 ml	No. of scans; Rep. time:	2048; 4.6 s	a	56.78
Reference substance:	TMS	Weighting; Line broad.:	exp.; 0.5 Hz	b	41.96
Sample temperature:	30.0 °C	Spectral resolution:	0.4 Hz (TMS)		
Resonance frequency:	100.624 MHz	Instrument:	Bruker AMX-400		
Spectral width:	23809.5 Hz	Source reference:	980107-4250		
Data points (FID; spec.):	64 k; 64 k	Signature:	<i>Markku Mesilaakso</i>		
			Markku Mesilaakso		