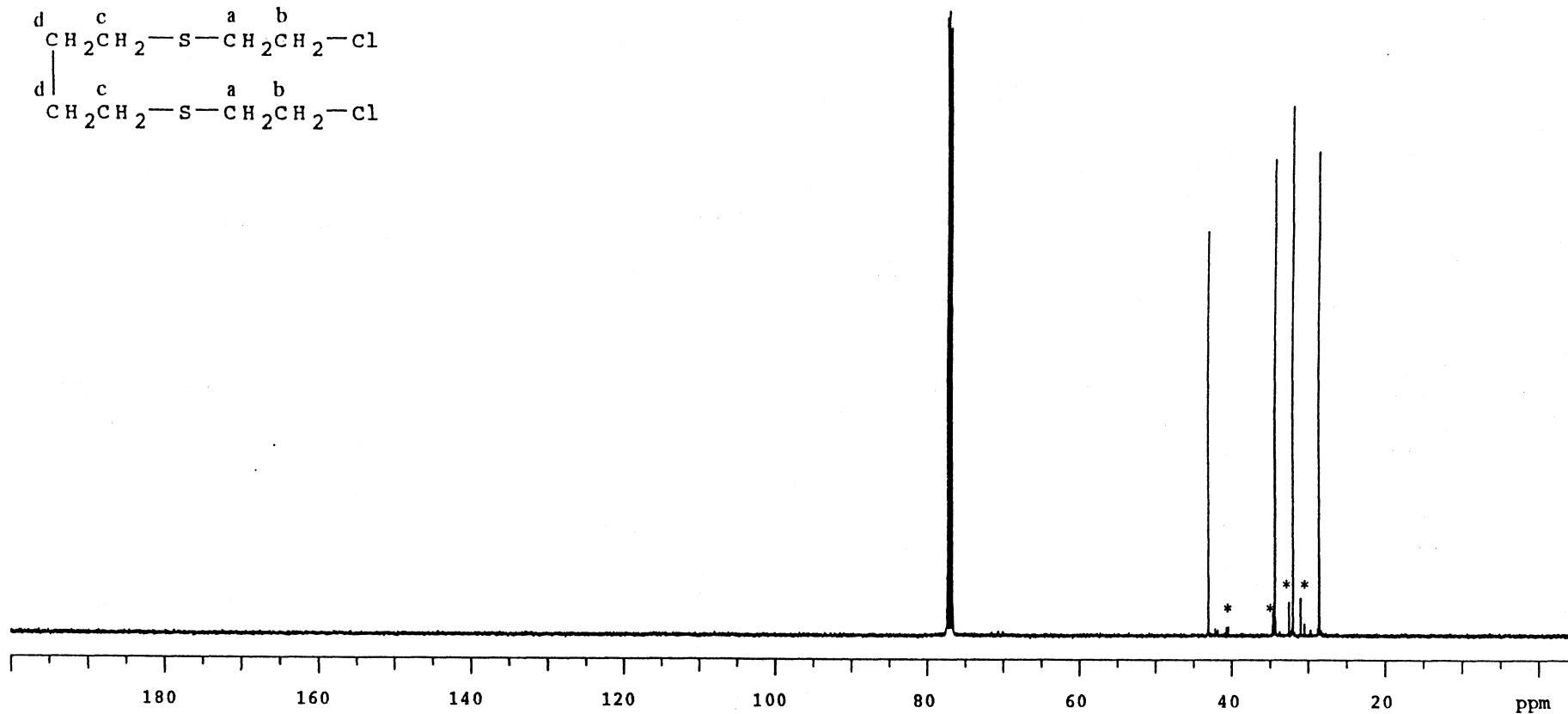
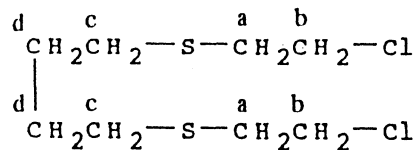


5-3-48

 $^{13}\text{C}\{^1\text{H}\}$ NMR**1,4-Bis(2-chloroethylthio)butane**

142868-93-7



Solvent:	CDCl_3	Flip angle; Pulse width:	33 °; 2.6 μs	nuc.	δ [ppm]
Concentration:	ca. 0.1 M	No. of scans; Rep. time:	8192; 3.7 s	a	34.31
Reference substance:	CDCl_3	Weighting; Line broad.:	exp.; 0.5 Hz	b	43.10
Sample temperature:	29.5 °C	Spectral resolution:	0.9 Hz (C-b)	c	31.98
Resonance frequency:	100.624 MHz	Instrument:	Bruker AMX-400	d	28.60
Spectral width:	23809.5 Hz	Source reference:	921107-104		
Data points (FID; spec.):	64 k; 32 k				$\delta(\text{CDCl}_3) = 77.03$ vs. $\delta(\text{TMS}) = 0.00$

OPCW Code:5-3-48 (p1/1)