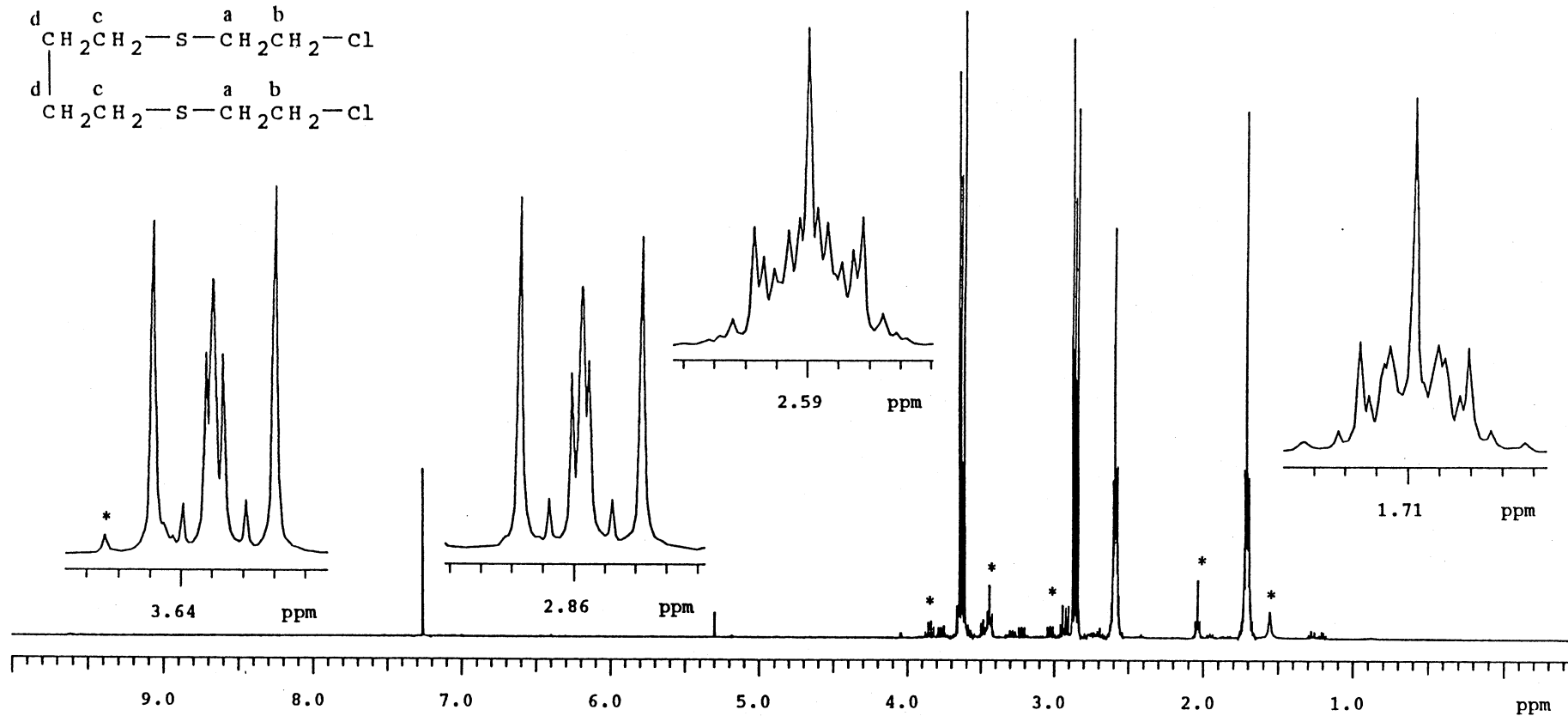
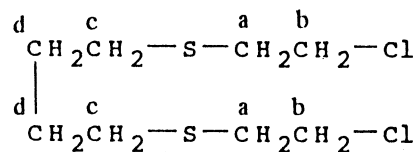


5-3-47

¹H NMR

1,4-Bis(2-chloroethylthio)butane

142868-93-7



Solvent: CDCl_3
 Concentration: ca. 0.1 M
 Reference substance: CHCl_3
 Sample temperature: 29.5 °C
 Resonance frequency: 400.136 MHz
 Spectral width: 4464.3 Hz
 Data points (FID; spec.): 64 k; 64 k

Flip angle; Pulse width: 45 °; 3.0 μs
 No. of scans; Rep. time: 32; 23.3 s
 Weighting; Line broad.: exp.; 0.1 Hz
 Spectral resolution: 0.4 Hz (CHCl_3)
 Instrument: Bruker AMX-400
 Source reference: 921008-100

nuc.	δ [ppm]
a	2.858
b	3.629
c	2.590
d	1.708

$\delta(\text{CHCl}_3) = 7.263$ vs. (TMS) = 0.000

OPCW Code:5-3-47 (p1/1)