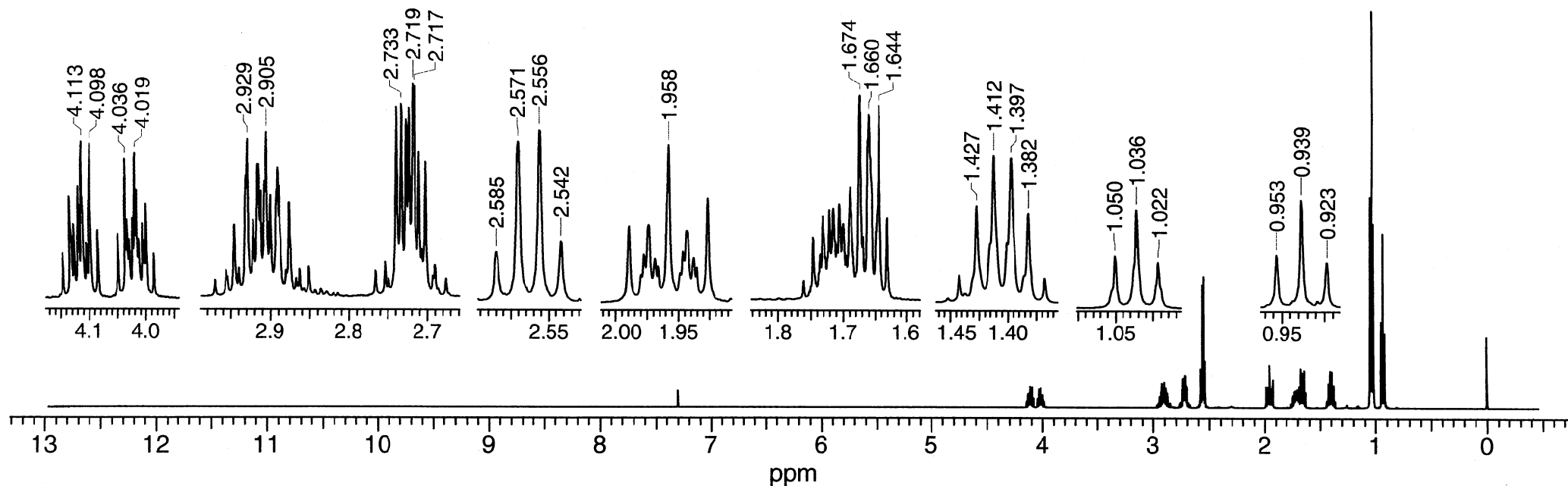


Butyl S-2-diethylaminoethyl propylphosphonothiolate

¹H NMR

7-3-724



Res.freq: 499.83 MHz
 Solvent: CDCl₃
 Temperature: 28°C
 Concentration: 0.077 μl/ μl
 Reference: TMS [internal]
 Spectral Width: 6712.5 Hz
 Data points [Fid]: 56360
 Data Points [Spectrum]: 64K

Pulse Width: 1.7 μs [24°]
 Number of Scans: 16
 Line Broadening: no
 Rep.time: 4.2 s
 Resolution: 0.5 Hz (TMS)
 Instrument: Varian INOVA 500

Um Mein

nuc δ[ppm]
 a: 1.037
 b: 1.631-1.761
 c: 1.927-1.989
 d: 0.939
 e: 1.367-1.442
 f: 1.631-1.761
 g,g': 3.986-4.049, 4.085-4.146
 h: 2.851-2.971
 i: 2.676-2.766
 j: 2.563
 k: 1.036

J[Hz]
 J(d,e) = 7.4
 J(j,k) = 7.2

