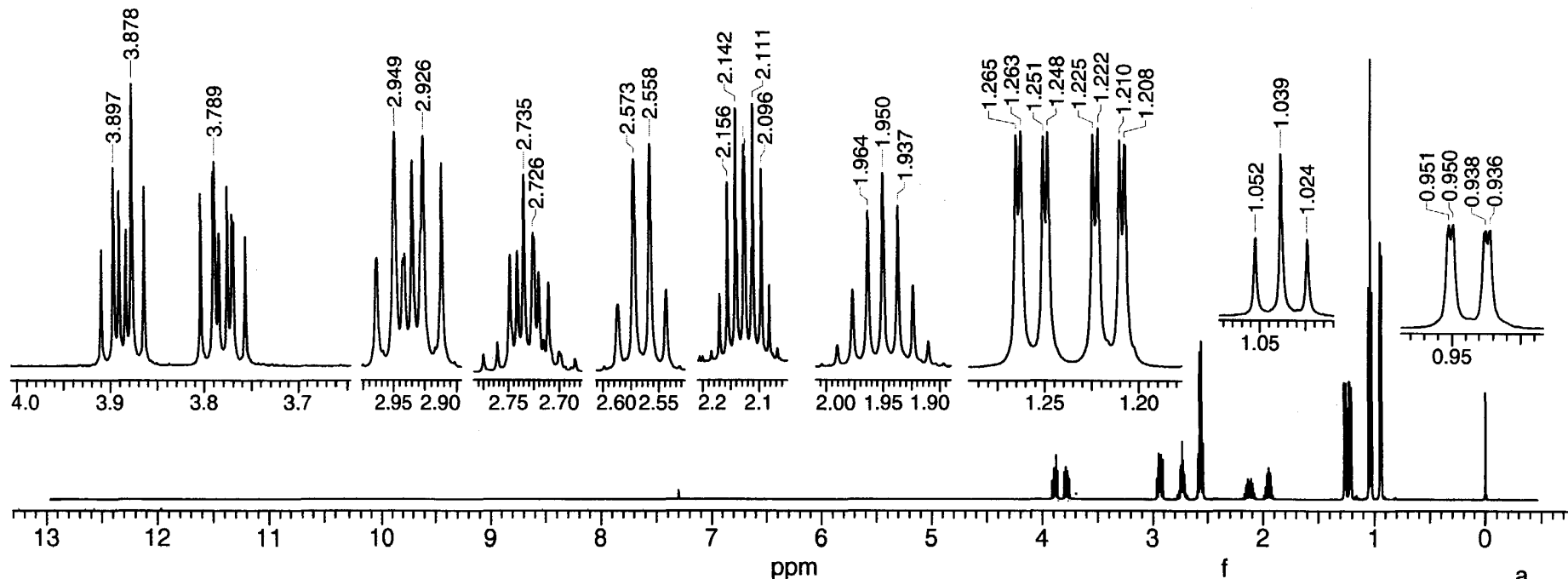


Isobutyl S-2-diethylaminoethyl isopropylphosphonothiolate

¹H NMR

7-3-688r



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: 0.6 Hz (TMS)
 Instrument: Varian INOVA 500

Un Meas

nuc δ [ppm]
 a: 1.039
 b: 2.566
 c: 2.684-2.775
 d: 2.912-2.964
 e: 2.126
 f, f': 1.236, 1.238
 g, g': 3.757-3.804, 3.864-3.910
 h: 1.950
 i: 0.945, 0.943

J [Hz]
 J(a,b) = 7.2
 J(e,P) = 15.6, J(e,f) = 7.2
 J(f,P) = J(f'P) = 20.3
 J(i,h) = J(i',h) = 6.8

