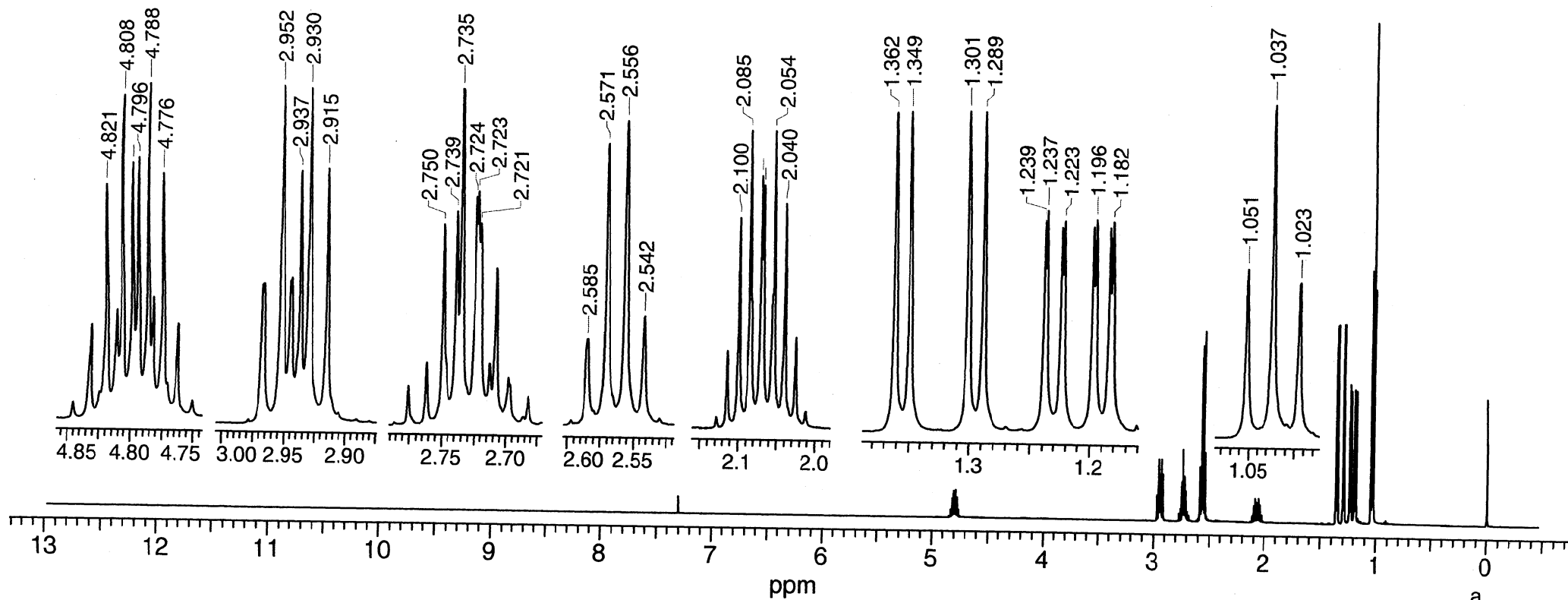


Isopropyl S-2-diethylaminoethyl isopropylphosphonothiolate

¹H NMR

7-3-776



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, a': 1.295, 1.356

b: 4.798

c, c': 1.210, 1.212

d: 2.070

e: 2.915-2.967

f: 2.682-2.776

g: 2.564

h: 1.037

J[Hz]

J(a,b) = J(a',b) = 6.2

J(b,P) = 10.0

J(c,P) = J(c',P) = 20.3, J(c,d) = 7.0, J(c',d) = 7.2

J(d,P) = 15.5

J(h,g) = 7.2

