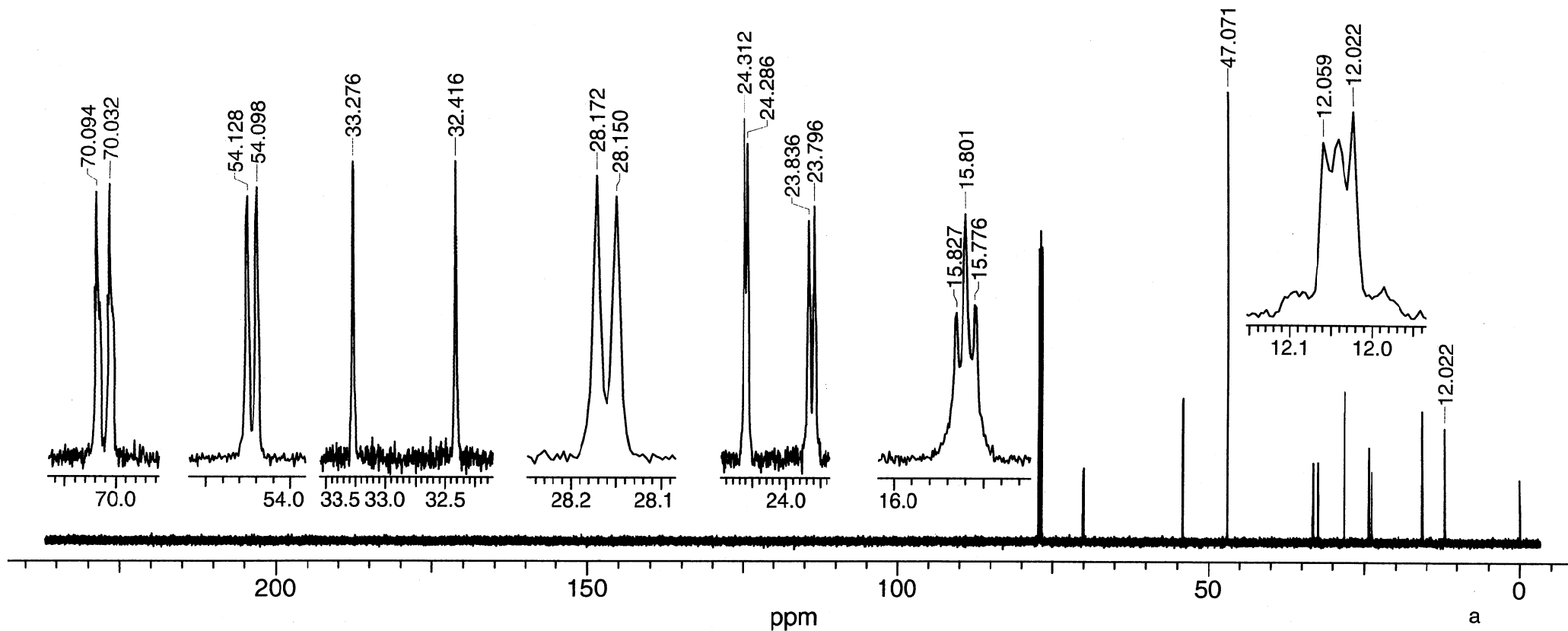


Isopropyl S-2-diethylaminoethyl isopropylphosphonothiolate

$^{13}\text{C}\{^1\text{H}\}$ NMR

7-3-777



Res.freq: 125.697 MHz

Solvent: CDCl_3

Temperature: 28°C

Concentration: 0.077 $\mu\text{l}/\mu\text{l}$

Reference: TMS [internal]

Spectral Width: 31298.9 Hz

Data points [Fid]: 115712

Data Points [Spectrum]: 256K

Pulse Width: 3.5 μs [45°]

Number of Scans: 1024

Line Broadening: exp. 0.5 Hz

Rep.time: 1.85 s

Resolution: 0.8 Hz (TMS)

Instrument: Varian INOVA 500

Un Mer

nuc δ [ppm]

a, a': 23.82, 24.30

b: 70.06

c, c': 15.79, 15.81

d: 32.85

e: 28.16

f: 54.11

g: 47.07

h: 12.02-12.06

J[Hz]

J(a,P) = 5.1, J(a',P) = 3.2

J(b,P) = 7.8

J(c,P) = J(c',P) = 3.2

J(d,P) = 108.1

J(e,P) = 2.8

J(f,P) = 3.7

