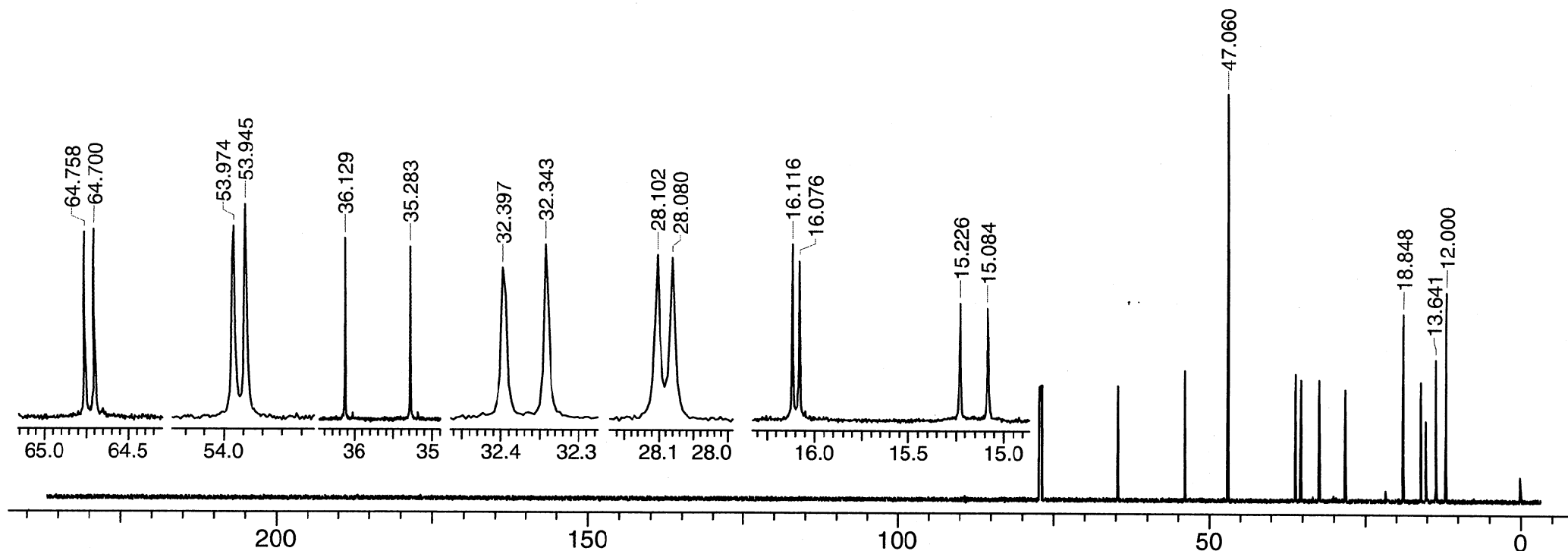


Butyl S-2-diethylaminoethyl propylphosphonothiolate

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

7-3-725



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: 0.9 Hz (TMS)

Instrument: Varian INOVA 500

Van Meer

nuc δ [ppm]

a: 15.16

b: 16.10

c: 35.71

d: 13.64

e: 18.85

f: 32.37

g: 64.73

h: 28.09

i: 53.96

j: 47.06

k: 12.00

J[Hz]

J(a,P) = 18.0

J(b,P) = 5.1

J(c,P) = 106.3

J(f,P) = 6.9

J(g,P) = 7.4

J(h,P) = 2.8

J(i,P) = 3.7

