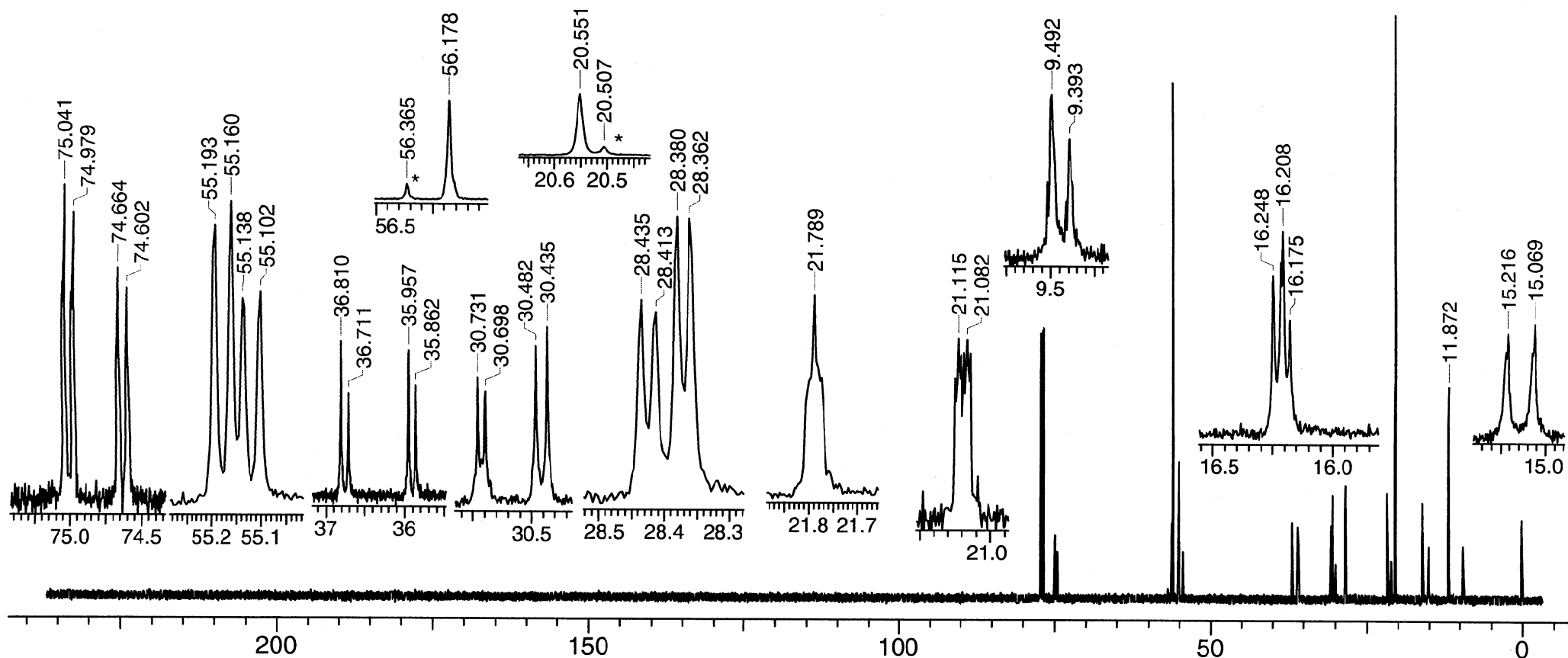


sec-Butyl S-2-dipropylaminoethyl propylphosphonothiolate

¹³C{¹H} NMR

7-3-705



Res.freq: 125.697 MHz

Pulse Width: 3.5 μs [45°]

nuc δ[ppm]

J[Hz]

Solvent: CDCl₃

Number of Scans: 1024

a,a': 9.39, 9.49

Temperature: 28°C

Line Broadening: exp. 0.5 Hz

b,b': 30.46, 30.71

Concentration: 0.077 μl/ μl

Rep.time: 1.85 s

c,c': 74.63, 75.01

Reference: TMS [internal]

Resolution: 0.9 Hz (TMS)

d,d': 21.10, 21.79

Spectral Width: 31298.9 Hz

Instrument: Varian INOVA 500

e,e': 36.29, 36.38

Data points [Fid]: 115712

f,f': 16.20, 16.23

Data Points [Spectrum]: 256K

g: 15.14

h: 28.37, 28.42

i: 55.12, 55.18

j: 56.18

k: 20.55

l: 11.87

J(c,P) = J(c',P') = 7.8

J(d,P) = 4.1

J(e,P) = 106.7, J(e',P') = 107.2

J(f,P) = J(f',P') = 5.1

J(g,P) = 18.4

J(h,P) = 2.3, J(h',P') = 2.8

J(i,P) = 4.6, J(i',P') = 4.1

Un Meir

mixture of diastereomers

