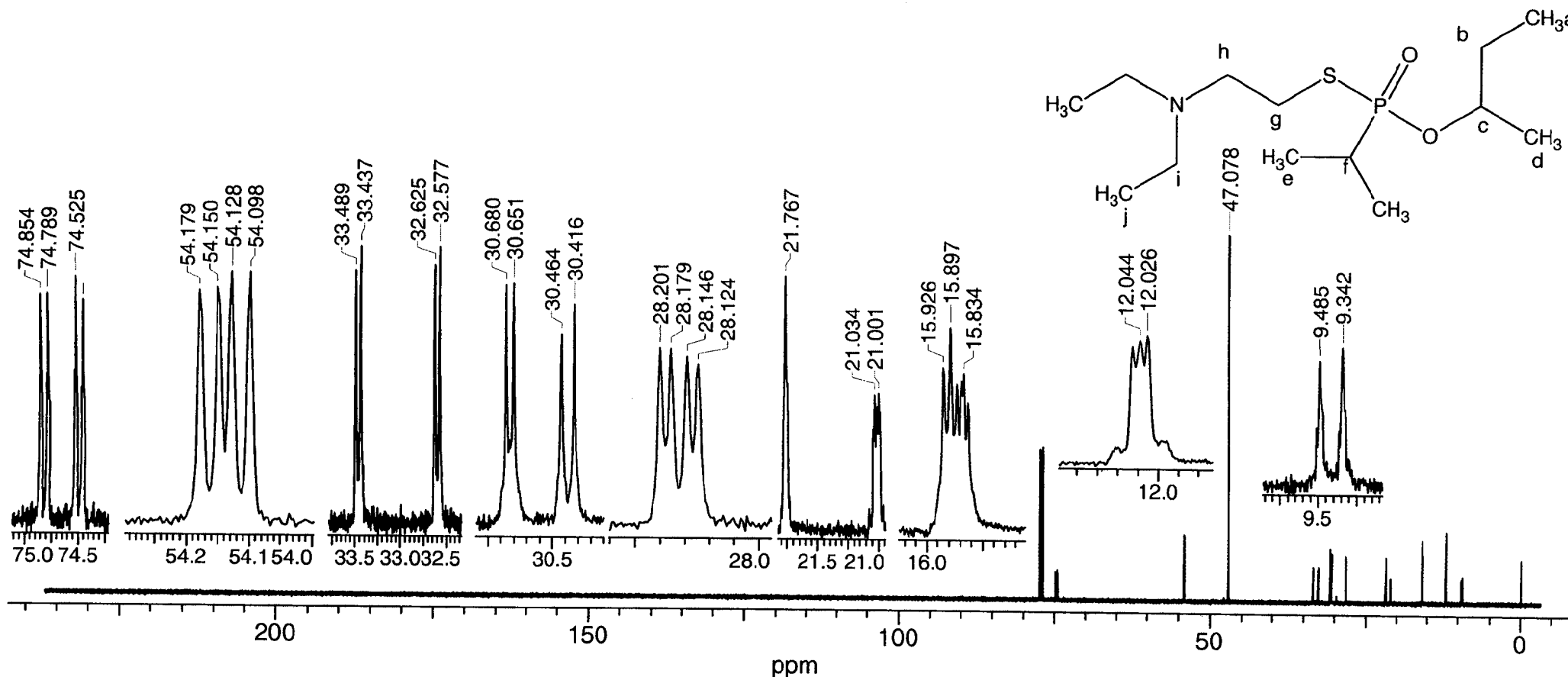


sec-Butyl S-2-diethylaminoethyl isopropylphosphonothiolate

<sup>13</sup>C{<sup>1</sup>H}

7-3-685



Res.freq: 125.697 MHz

Pulse Width: 3.5 μs [45°]

nuc δ[ppm]

J[Hz]

Solvent: CDCl<sub>3</sub>

Number of Scans: 1024

a,a': 9.34, 9.49

J(b,P) = 6.0, J(b',P) = 3.7

Temperature: 28°C

Line Broadening: exp. 0.5 Hz

b,b': 30.44, 30.67

J(c,P) = J(c',P) = 8.3

Concentration: 0.077 μl/μl

Rep.time: 1.85 s

c,c': 74.49, 74.82

Reference: TMS [internal]

Resolution: 0.9 Hz (TMS)

d,d': 21.02, 21.77

Spectral Width: 31298.9 Hz

Instrument: Varian INOVA 500

e: 15.82-15.93

J(f,P) = 108.1, J(f',P) = 108.6

Data points [Fid]: 115712

*Un Meir*

f,f': 33.01, 33.06

J(g,P) = J(g',P) = 2.8

Data Points [Spectrum]: 256K

g,g': 28.14, 28.19

J(h,P) = J(h',P) = 3.7

mixture of diastereomers

h,h': 54.11, 54.16

i: 47.08

j: 12.02-12.04