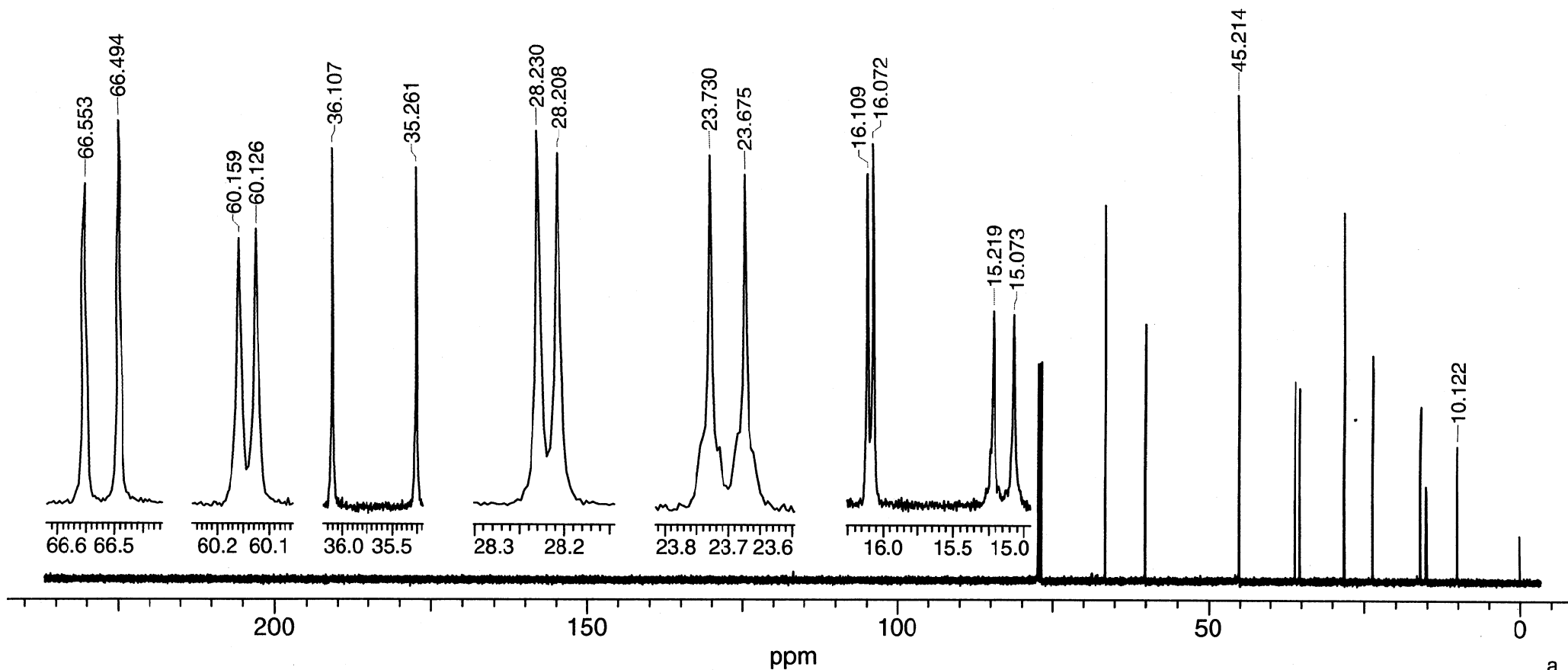


Propyl S-2-dimethylaminoethyl propylphosphonothiolate

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

7-3-769



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: 1.1 Hz (TMS)

Instrument: Varian INOVA 500

nuc δ [ppm]

a: 10.12

b: 23.70

c: 66.52

d: 35.68

e: 16.09

f: 15.15

g: 28.22

h: 60.14

i: 45.21

J[Hz]

J(b,P) = 6.9

J(c,P) = 7.4

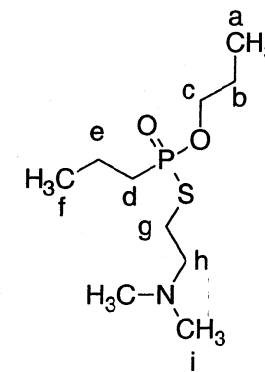
J(d,P) = 106.3

J(e,P) = 5.1

J(f,P) = 18.4

J(g,P) = 2.8

J(h,P) = 4.1



Um Mein