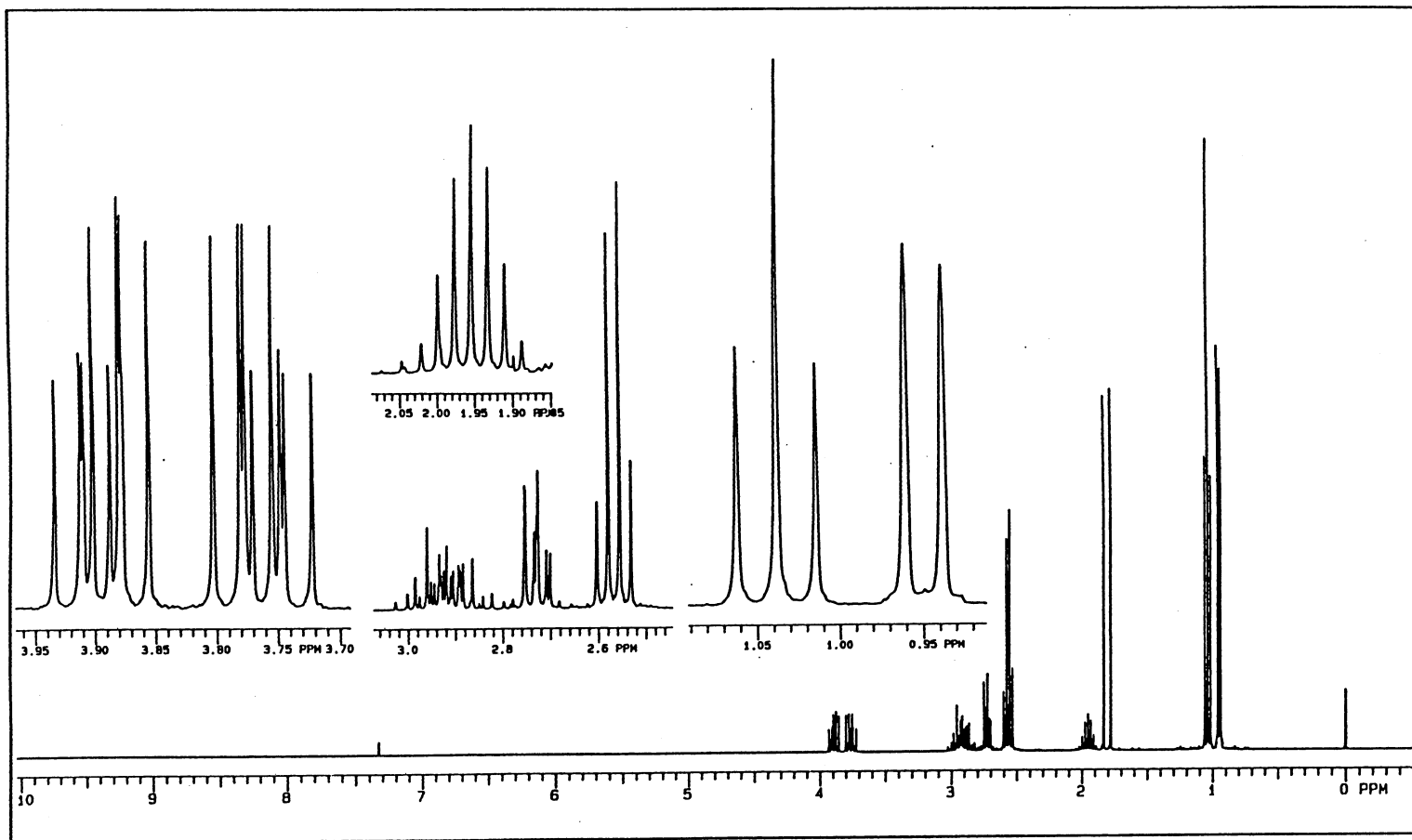
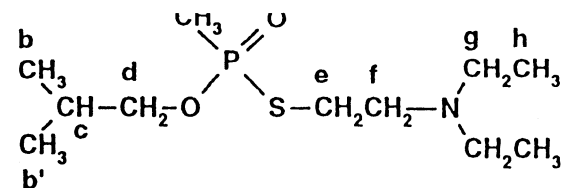


# Isobutyl S-2-(diethylamino)ethyl methylphosphonothiolate

[ ]

<sup>1</sup>H-NMR



nuc.	δ [ppm]
a	1.81
b	0.95
c	1.95
d, d'	3.76, 3.89
e	2.92
f	2.73
g	2.57
h	1.04

J(a, P)	15.6 Hz
J(d, P)	7.7 Hz
J(d', P)	7.3 Hz
J(c, d)	6.7 Hz
J(c, d')	6.5 Hz
J(b, c)	6.7 Hz
J(h, g)	7.2 Hz
J(d, d')	9.7 Hz

Res. freq. 299.943 MHz  
 Solvent: CDCl<sub>3</sub>  
 Temperature: 24°C  
 Concentration: 100 mg/ml  
 Reference: TMS (internal)

Spectral width: 4000 Hz  
 Data points (FID): 33600  
 Data points (spec.): 32K  
 Pulse width: 7 μs (24°)  
 Number of scans: 100

Rep.time.: 4.20 s  
 Line broad.: not used  
 Resolution: 0.42 Hz (TMS)  
 Instrument: Varian VXR-300  
 Sample Code: BI05396/2  
 Filename: BI0731/96