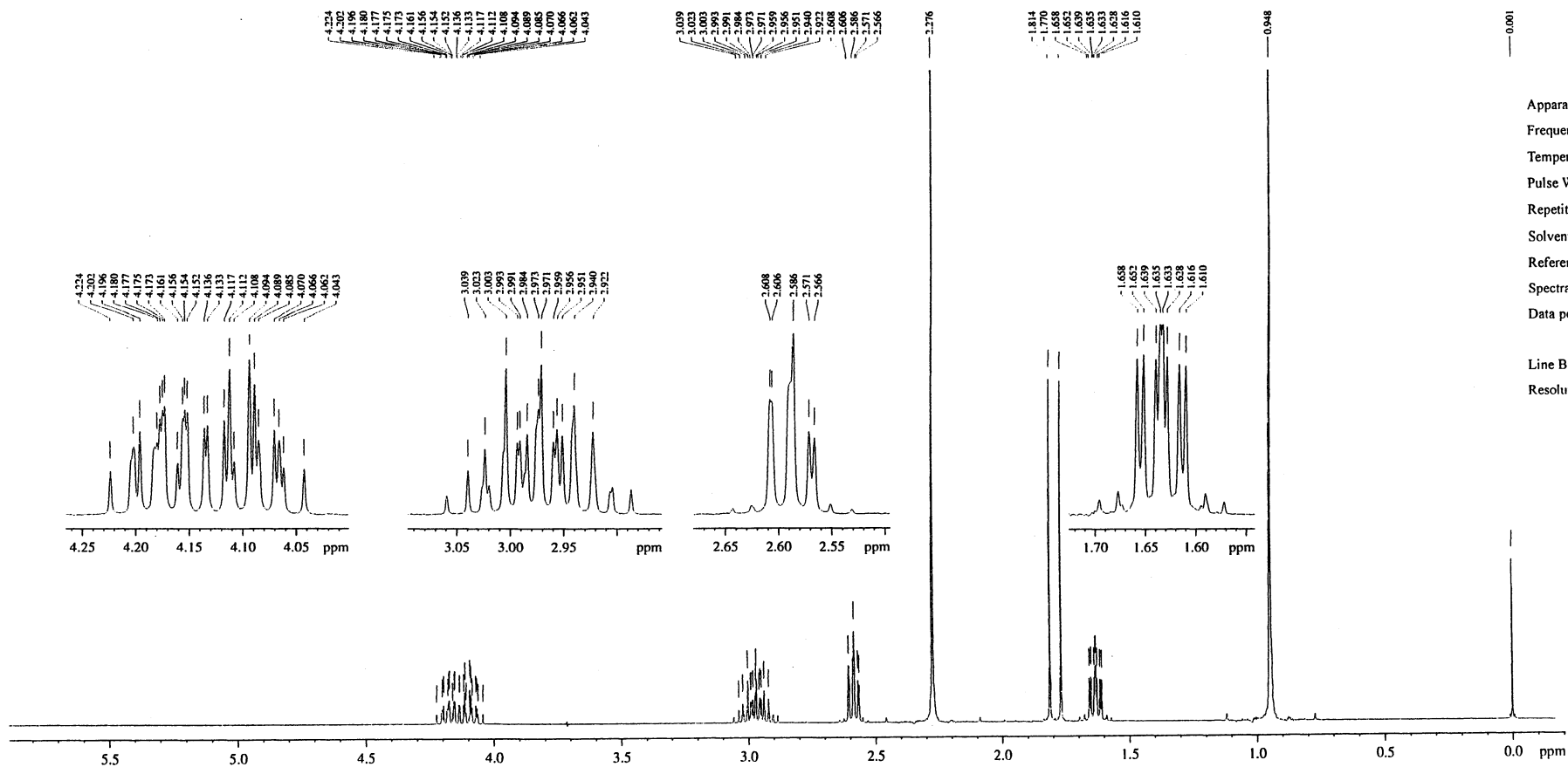


¹H

1-3-262

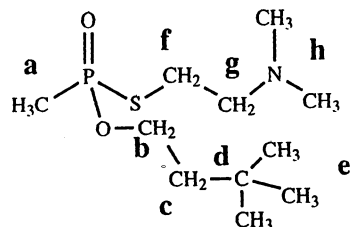


Apparatus : Bruker DPX 360
 Frequency : 360.13 MHz
 Temperature : 25°C
 Pulse Width : 18 μs (90°)
 Repetition Time : 4 s
 Solvent/Lock : CDCl₃/CDCl₃
 Reference : TMS internal
 Spectral width : 3400 Hz
 Data points : FID = 16K
 SPC = 16K
 Line Broadning : No
 Resolution : TMS 0.8 Hz

3,3-DIMETHYLBUTYL S-(2-DIMETHYLAMINOETHYL) METHYLPHOSPHONOTHIOATE

MF : C₁₁H₂₆NO₂PS CAS :

ASSIGNMENT



a : $\delta = 1.79$ ppm ; $J_{P-a} = 15.7$ Hz
 b : $\delta = 4.18$ & 4.10 ppm ; $J_{P-b} = 8.2$ & 7.6 Hz
 c : $\delta = 1.65$ & 1.61 ppm ;
 e : $\delta = 0.95$ ppm

f : $\delta = 2.99$ & 2.94 ppm ; $J_{P-f} = 11.9$ & 11.1 Hz
 g : $\delta = 2.59$ & 2.57 ppm
 h : $\delta = 2.28$ ppm