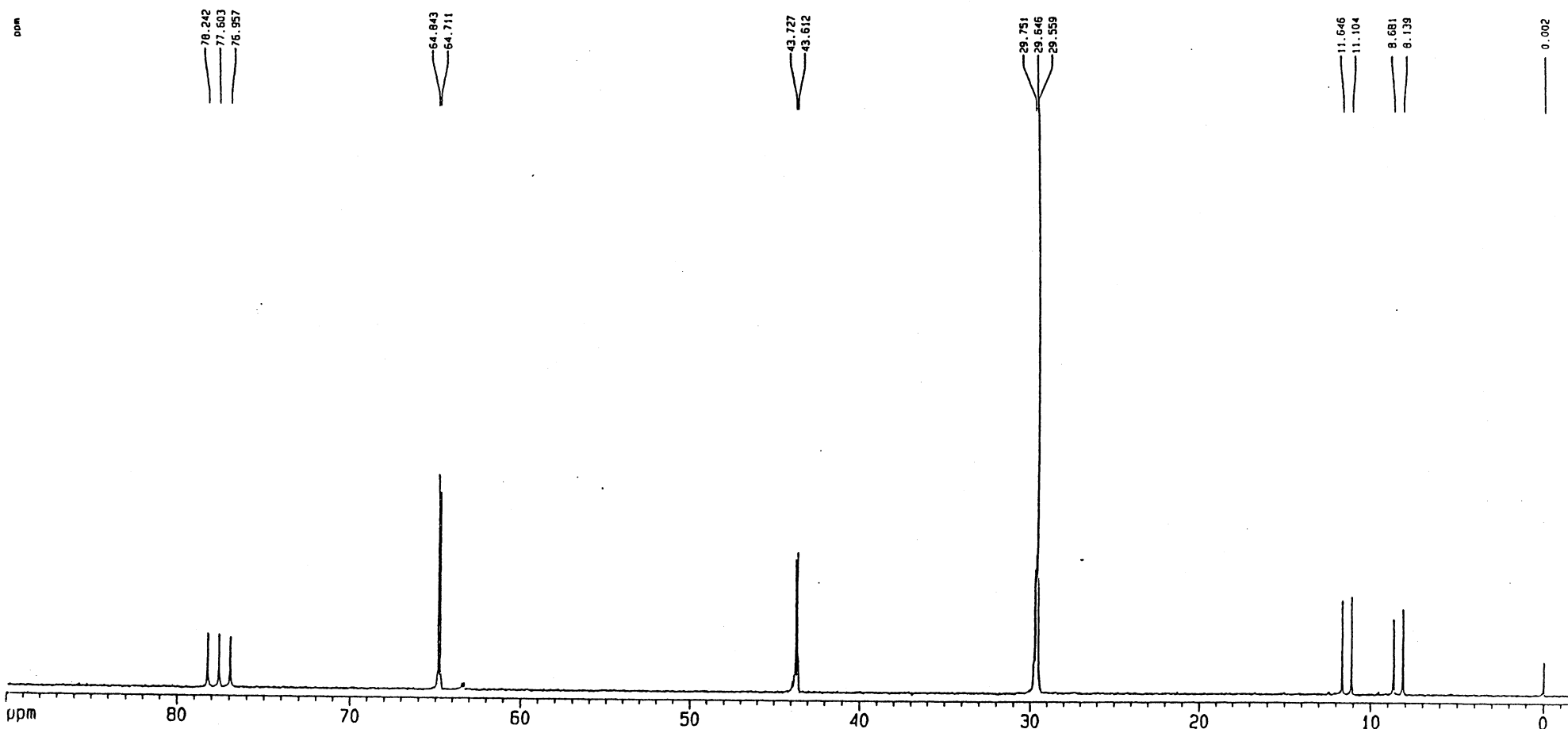


1-3-30

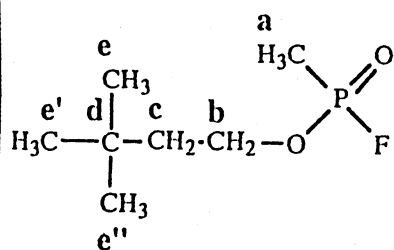


3,3-DIMETHYLBUTYL METHYLPHOSPHONOFUORIDATE

CAS number : 660-21-9
 MF : $C_7H_{16}FO_2P$
 Solvent/Lock : $CDCl_3/CDCl_3$
 Nucleus : ^{13}C
 Apparatus : Bruker WP200SY
 Frequency : 50.3 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : TMS/internal
 Spectral width : 7692.31 Hz
 Pulse Width : 5 μs (90°)
 Repetition Time : 4 s
 Data points : FID = 16K, SPC = 8K
 Line Broadening : No
 Resolution (TMS) : 1.8 Hz

a : $\delta = 9.89$ ppm ; $J_{P-a} = 149$ Hz ; $J_{F-a} = 27$ Hz
 b : $\delta = 64.78$ ppm ; $J_{P-b} = 6.6$ Hz
 c : $\delta = 43.66$ ppm ; $J_{P-c} = 5.6$ Hz
 d : $\delta = 29.71$ ppm ; $J_{P-d} = 5.6$ Hz



OPCW Code:1-3-30 (p1/1)