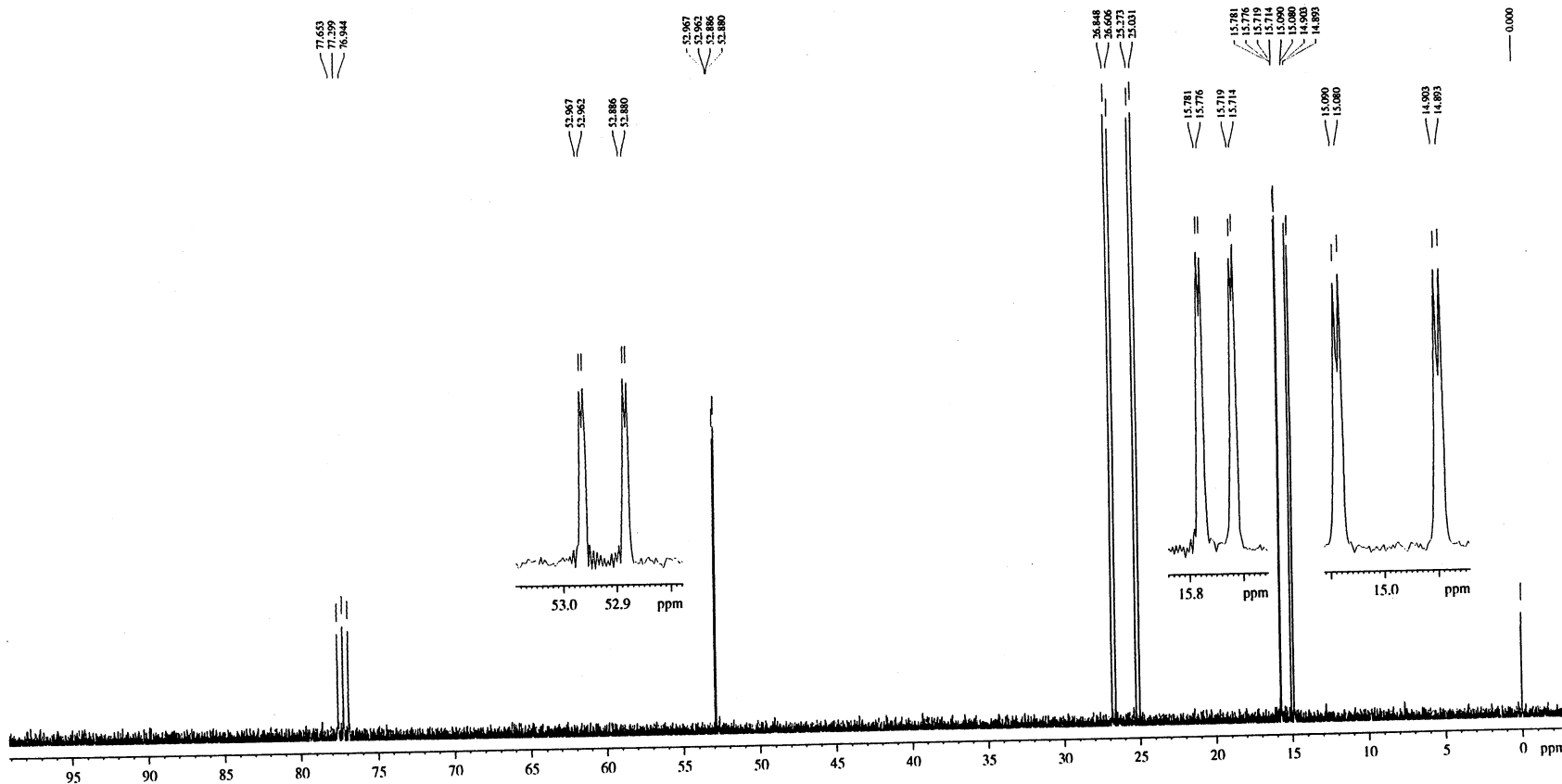


¹³C

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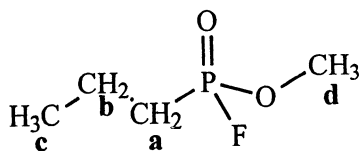


Apparatus : Bruker DPX 360
 Frequency : 90.56 MHz
 Temperature : 25°C
 Pulse Width : 7.5 μs (90°)
 Repetition Time : 7.5 s
 Solvent/Lock : CDCl₃/CDCl₃
 Reference : TMS internal
 Spectral width : 10100 Hz
 Data points : FID = 48 K
 SPC = 64 K
 Line Broadning : No
 Resolution : peak 26.85 ppm 0.6 Hz

METHYL n-PROPYLPHOSPHONOFUORIDATE

MF : C₄H₁₀FO₂P CAS :

ASSIGNMENT



- a : δ = 25.94 ppm; J_{P-a} = 142.7 Hz; J_{F-a} = 21.9 Hz
- b : δ = 15.74 ppm; J_{P-b} = 5.5 Hz; J_{F-b} = 0.6 Hz
- c : δ = 14.98 ppm; J_{P-c} = 16.9 Hz; J_{F-c} = 0.9 Hz
- d : δ = 52.92 ppm; J_{P-d} = 7.4 Hz; J_{F-d} = 0.6 Hz

OPCW Code: 1-3-278 (P.1/1)