

**(1-METHYLETHYL) PROPYLPHOSPHONOFUORIDATE**

CAS number : 18358-37-7
 MF : C₆H₁₄FO₂P
 Solvent/Lock : CDCl₃/CDCl₃
 Nucleus : ¹³C
 Apparatus : Bruker AMX 360
 Frequency : 90.56 MHz
 Temperature : 23°C
 Concentration : = 40 mg/ml

Reference : TMS internal
 Spectral width : 10870 Hz
 Pulse Width : 4 μs (90°)
 Repetition Time : 1 s
 Data points : FID = 32K, SPC = 32K
 Line Broadning : No
 Peak Width 1/2 height : peak 72.44 ppm 1.1 Hz

a : δ = 26.68 ppm ; J_{P-a} = 143.6 Hz ; J_{F-a} = 22.9 Hz
 b : δ = 15.81 ppm ; J_{P-b} = 5.6 Hz ; J_{F-b} = 0.7 Hz
 c : δ = 15.01 ppm ; J_{P-c} = 17.2 Hz ; J_{F-c} = 0.7 Hz
 d : δ = 72.40 ppm ; J_{P-d} = 7.3 Hz
 e : δ = 23.89 & 23.85 ppm ; J_{P-e} = 3.3 & 6.0 Hz ;
 J_{F-e} = 0.0 & 1.8 Hz

