



(1-METHYLETHYL) PROPYLPHOSPHONOFUORIDATE

CAS number : 18358-37-7
 MF : C₆H₁₄FO₂P
 Solvent/Lock : CDCl₃/CDCl₃
 Nucleus : ³¹P
 Apparatus : Bruker AMX 360
 Frequency : 145.78 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : H₃PO₄ external
 Spectral width : 4065 Hz
 Pulse Width : 3 μs (# 90°)
 Repetition Time : 1 s
 Data points : FID = 16K, SPC = 16K
 Line Broadning : No
 Peak Width 1/2 height : peak 34.57 ppm 1.3 Hz

δ = 30.90 ppm ; J_{P-F} = 1067.4 Hz
 J_{P-a} = 18.6 Hz
 J_{P-b} = 14.8 Hz
 J_{P-d} = 7.5 Hz

