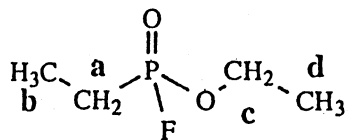


ETHYL ETHYLPHOSPHONOFUORIDATE



CAS number : 650-20-4
 MF : C₄H₁₀FO₂P
 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 29.65 ppm 1.7 Hz

δ = 33.3 ppm ; J_{P-F} = 1067.5 Hz
 J_{P-a} = 19.5 Hz
 J_{P-b} = 21.4 Hz
 J_{P-c} = 8.3 & 9.7 Hz