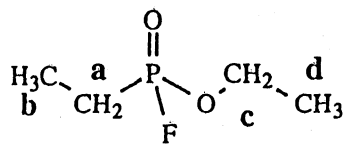


ETHYL ETHYLPHOSPHONOFUORIDATE



CAS number :	650-20-4	Reference internal :	CDCl ₃ at 77.26 ppm
MF :	C ₄ H ₁₀ FO ₂ P	Spectral width :	10860 Hz
Solvent/Lock :	CDCl ₃ /CDCl ₃	Pulse Width :	4 μs (90°)
Nucleus :	¹³ C	Repetition Time :	1 s
Apparatus :	Bruker AMX360	Data points	FID = 32K, SPC = 32K
Frequency :	90.56 MHz	Line Broadning :	No
Temperature :	23°C	Peak Width 1/2 height :	peak 18.34 ppm 0.7 Hz
Concentration :	≈ 40 mg/ml		

a :	δ = 17.67 ppm ; J _{P-a} = 146.0 Hz ; J _{F-a} = 24.2 Hz
b :	δ = 6.06 ppm ; J _{P-b} = 8.0 Hz ; J _{F-b} = 0.7 Hz
c :	δ = 63.10 ppm ; J _{P-c} = 7.3 Hz
d :	δ = 16.32 ppm ; J _{P-d} = 5.6 Hz