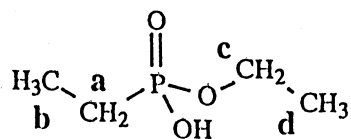


ETHYL ETHYLPHOSPHONATE



CAS number : 7305-61-5
 MF : $C_4H_{11}O_3P$
 Solvent/Lock : DMSO d_6 /DMSO d_6
 Nucleus : 1H
 Apparatus : Bruker AMX360
 Frequency : 360.13 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference internal: DMSO d_6 2.50 ppm
 Spectral width : 2315 Hz
 Pulse Width : 9.5 μs (90°)
 Repetition Time : 4 s
 Data points : FID = 16K, SPC = 16K
 Line Broadning : No
 Peak Width 1/2 height : peak 1.19 ppm 2.0 Hz

a : $\delta = 1.57$ ppm ; $J_{P-a} = 17.8$ Hz ; $J_{a-b} = 7.6$ Hz
 b : $\delta = 0.99$ ppm ; $J_{P-b} = 19.2$ Hz
 c : $\delta = 3.90$ ppm ; $J_{P-c} = 7.3$ Hz
 d : $\delta = 1.19$ ppm ; $J_{c-d} = 7.1$ Hz

shift of OH proton depends on concentration and is thus not given.