



CYCLOHEXYL ETHYLPHOSPHONATE

CAS number : unknown
 MF : $C_8H_{17}O_3P$
 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 interval: DMSO d_6 2.50 ppm
 Spectral width : 4760 Hz
 Pulse Width : 9.5 μs (90°)
 Repetition Time : 4 s
 Data points : FID = 16K, SPC = 16K
 Line Broadening : No
 Peak Width 1/2 height : peak 0.97 ppm 1.8 Hz

a : $\delta = 1.55$ ppm ; $J_{P-a} = 17.7$ Hz ; $J_{a-b} = 7.7$ Hz
 b : $\delta = 1.00$ ppm ; $J_{P-b} = 19.2$ Hz
 c : $\delta = 4.19$ ppm , $J_{P-c} = 8.7$ Hz
 d, e, f : $\delta = 1.1 - 1.9$ ppm
 shift of OH proton depends on concentration and is thus not given.

