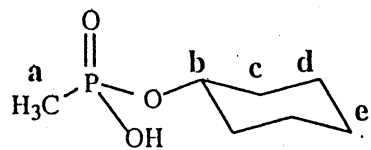


CYCLOHEXYL METHYLPHOSPHONATE



CAS number : 1932-60-1
 MF : $C_9H_{13}O_3P$
 Solvent/Lock : $CDCl_3/CDCl_3$
 Nucleus : ^{13}C
 Apparatus : Bruker AMX360
 Frequency : 90.56 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : TMS internal
 Spectral width : 15150 Hz
 Pulse Width : $4 \mu s$ (90°)
 Repetition Time : 1 s
 Data points : FID = 32K, SPC = 32K
 Line Broadning : No
 Peak Width 1/2 height : peak 25.19 ppm 0.9 Hz

a : $\delta = 12.46$ ppm ; $J_{P-a} = 143.3$ Hz
 b : $\delta = 74.94$ ppm ; $J_{P-b} = 6.0$ Hz
 c : $\delta = 33.69$ ppm ; $J_{P-c} = 3.7$ Hz
 d : $\delta = 23.66$ ppm ;
 e : $\delta = 25.19$ ppm