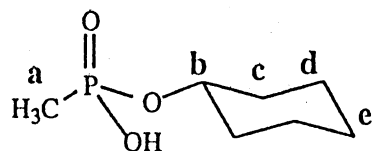


CYCLOHEXYL METHYLPHOSPHONATE



CAS number : 1932-60-1
 MF : C₉H₁₃O₃P
 Solvent/Lock : CDCl₃/CDCl₃
 Nucleus : ¹H
 Apparatus : Bruker AMX360
 Frequency : 360.13 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : TMS internal
 Spectral width : 2960 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 : TMS 0.5 Hz

a : δ = 1.49 ppm ; J_{P-a} = 17.7 Hz
 b : δ = 4.36 ppm ; J_{P-b} = 8.5 Hz
 c, d, e : δ = 1.2 - 2.0 ppm

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