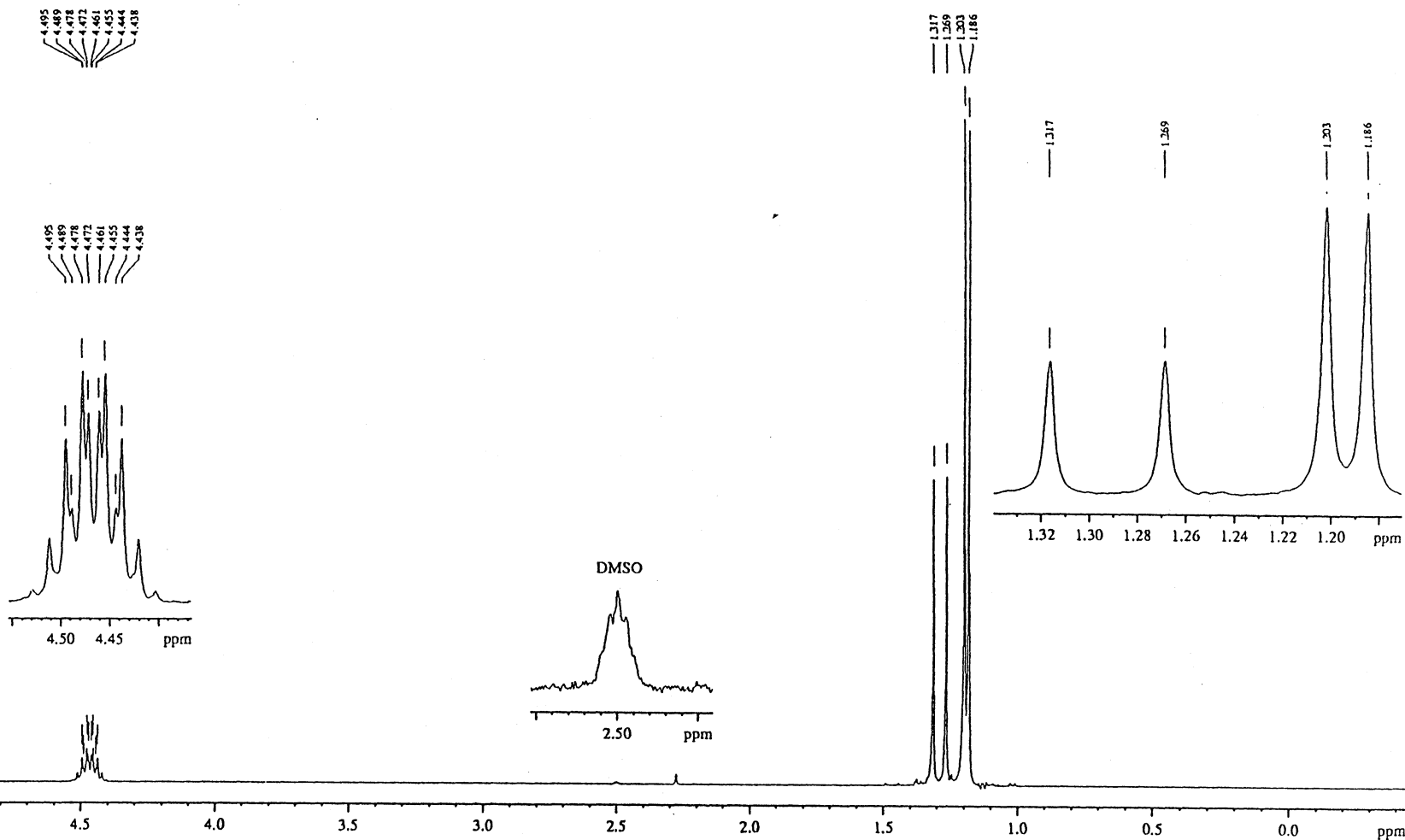
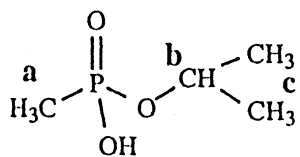


1-3-96



(1-METHYLETHYL) METHYLPHOSPHONATE



CAS number : 1832-54-8
 MF : C₄H₁₁O₃P
 Solvent/Lock : DMSO d₆/DMSO d₆
 Nucleus : ¹H
 Apparatus : Bruker AMX360
 Frequency : 360.13 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference internal: DMSO d₆ 2.50 ppm
 Spectral width : 4760 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 1.32 ppm 1.4 Hz

a : δ = 1.29 ppm ; J_{P-a} = 17.1 Hz
 b : δ = 4.47 ppm ; J_{P-b} = 8.4 Hz
 c : δ = 1.20 ppm ; J_{b-c} = 6.2 Hz

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

OPCW Code:1-3-96 (p1/1)