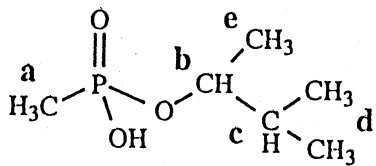


(1,2-DIMETHYLPROPYL) METHYLPHOSPHONATE



CAS number : 151299-67-1
 MF : C₆H₁₅O₃P
 Solvent/Lock : DMSO d₆/DMSO d₆
 Nucleus : ¹H
 Apparatus : Bruker AMX360
 Frequency : 360.13 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : TMS internal
 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 : TMS 1.2 Hz

a : δ = 1.32 ppm ; J_{P-a} = 17.1 Hz
 b : δ = 4.15 ppm ; J_{P-b} = 8.4 Hz
 J_{b-c} = 6.8 Hz ; J_{b-e} = 6.2 Hz
 c : δ = 1.71 ppm ; J_{c-d} = 6.8 Hz
 d : δ = 0.87 ppm
 e : δ = 1.17 ppm
 shift of OH proton depends on concentration and is thus not given.