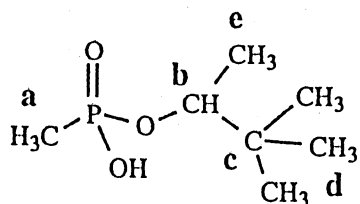


### (1,2,2-TRIMETHYLPROPYL) METHYLPHOSPHONATE



CAS number : 616-52-4  
 MF :  $C_7H_{17}O_3P$   
 Solvent/Lock :  $DMSO\ d_6/DMSO\ d_6$   
 Nucleus :  $^1H$   
 Apparatus : Bruker AMX360  
 Frequency : 360.13 MHz  
 Temperature : 23°C  
 Concentration :  $\approx 40\ mg/ml$

Reference : TMS internal  
 Spectral width : 4760 Hz  
 Pulse Width :  $9.5\ \mu s\ (90^\circ)$   
 Repetition Time : 4 s  
 Data points : FID = 16K, SPC = 16K  
 Line Broadening : No  
 Peak Width 1/2 height : TMS 2.3 Hz

a :  $\delta = 1.32\ ppm$  ;  $J_{P-a} = 17.3\ Hz$   
 b :  $\delta = 4.05\ ppm$  ;  $J_{P-b} = 8.6\ Hz$  ;  $J_{b-e} = 6.3\ Hz$   
 d :  $\delta = 0.86\ ppm$  ;  
 e :  $\delta = 1.17\ ppm$

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