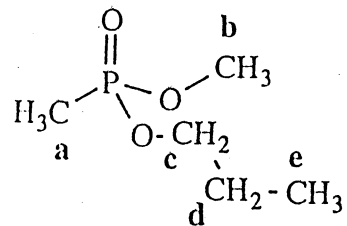


### METHYLPROPYL METHYLPHOSPHONATE



CAS number : 683-25-0  
 MF : C<sub>5</sub>H<sub>13</sub>O<sub>3</sub>P  
 Solvent/Lock : CDCl<sub>3</sub>/CDCl<sub>3</sub>  
 Nucleus : <sup>1</sup>H  
 Apparatus : Bruker AMX 360  
 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 Broadening : No  
 Peak Width 1/2 height : peak 3.40 ppm 0.9 Hz

a : δ = 1.48 ppm ; J<sub>P-a</sub> = 17.5 Hz  
 b : δ = 3.73 ppm ; J<sub>P-b</sub> = 11.1 Hz  
 c : δ = 4.02 & 3.97 ppm ; J<sub>P-c</sub> = 7.7 & 7.3 Hz ; J<sub>C-c</sub> = 9.9 Hz  
 d : δ = 1.70 ppm ; J<sub>C-d</sub> = 6.8 & 6.6 Hz ; J<sub>d-e</sub> = 7.4 Hz  
 e : δ = 0.99 ppm