



### (1,2-DIMETHYLPROPYL) ETHYLPHOSPHONATE

CAS number : unknown  
 MF : C<sub>7</sub>H<sub>17</sub>O<sub>3</sub>P  
 Solvent/Lock : DMSO d<sub>6</sub>/DMSO d<sub>6</sub>  
 Nucleus : <sup>31</sup>P  
 Apparatus : Bruker DPX360  
 Frequency : 145.78 MHz  
 Temperature : 25°C  
 Concentration : ≈ 40 mg/ml

Reference : H<sub>3</sub>PO<sub>4</sub> external  
 Spectral width : 8000 Hz  
 Pulse Width : 4 μs (90°)  
 Repetition Time : 3 s  
 Data points : FID = 32K, SPC = 32K  
 Line Broadning : No  
 Peak Width 1/2 height : peak 30.48 ppm 2.2 Hz

δ = 30.48 ppm ; J<sub>P-a</sub> = 17.8 Hz  
 J<sub>P-b</sub> = 19.3 Hz  
 J<sub>P-c</sub> = 8.3 Hz