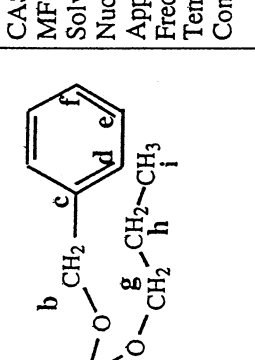


**BENZYLPROPYL METHYLPHOSPHONATE**

CAS number : 718-23-6  
 MF : C<sub>11</sub>H<sub>17</sub>O<sub>3</sub>P  
 Solvent/Lock : CDCl<sub>3</sub>/CDCl<sub>3</sub>  
 Nucleus : <sup>13</sup>C  
 Apparatus : Bruker AMX 360  
 Frequency : 90.56 MHz  
 Temperature : 23°C  
 Concentration : ≈ 40 mg/ml



Reference internal : CDCl<sub>3</sub> at 77.26 ppm  
 Spectral width : 15150 Hz  
 Pulse Width : 4 μs (90°)  
 Repetition Time : 1 s  
 Data points : FID = 32K, SPC = 32K  
 Line Broadening : No  
 Peak Width 1/2 height : peak 128.53 ppm 0.9 Hz

a : δ = 11.26 ppm ; J<sub>P-a</sub> = 144.3 Hz  
 b , g : δ = 67.04 & 66.93 ppm ; J<sub>P-</sub> = 6.7 & 6.0 Hz  
 c : δ = 136.46 ppm ; J<sub>P-c</sub> = 6.0 Hz  
 d, e : δ = 128.53 & 127.78 ppm ;  
 f : δ = 128.30 ppm  
 h : δ = 23.74 ppm ; J<sub>P-h</sub> = 6.5 Hz  
 i : δ = 9.98 ppm