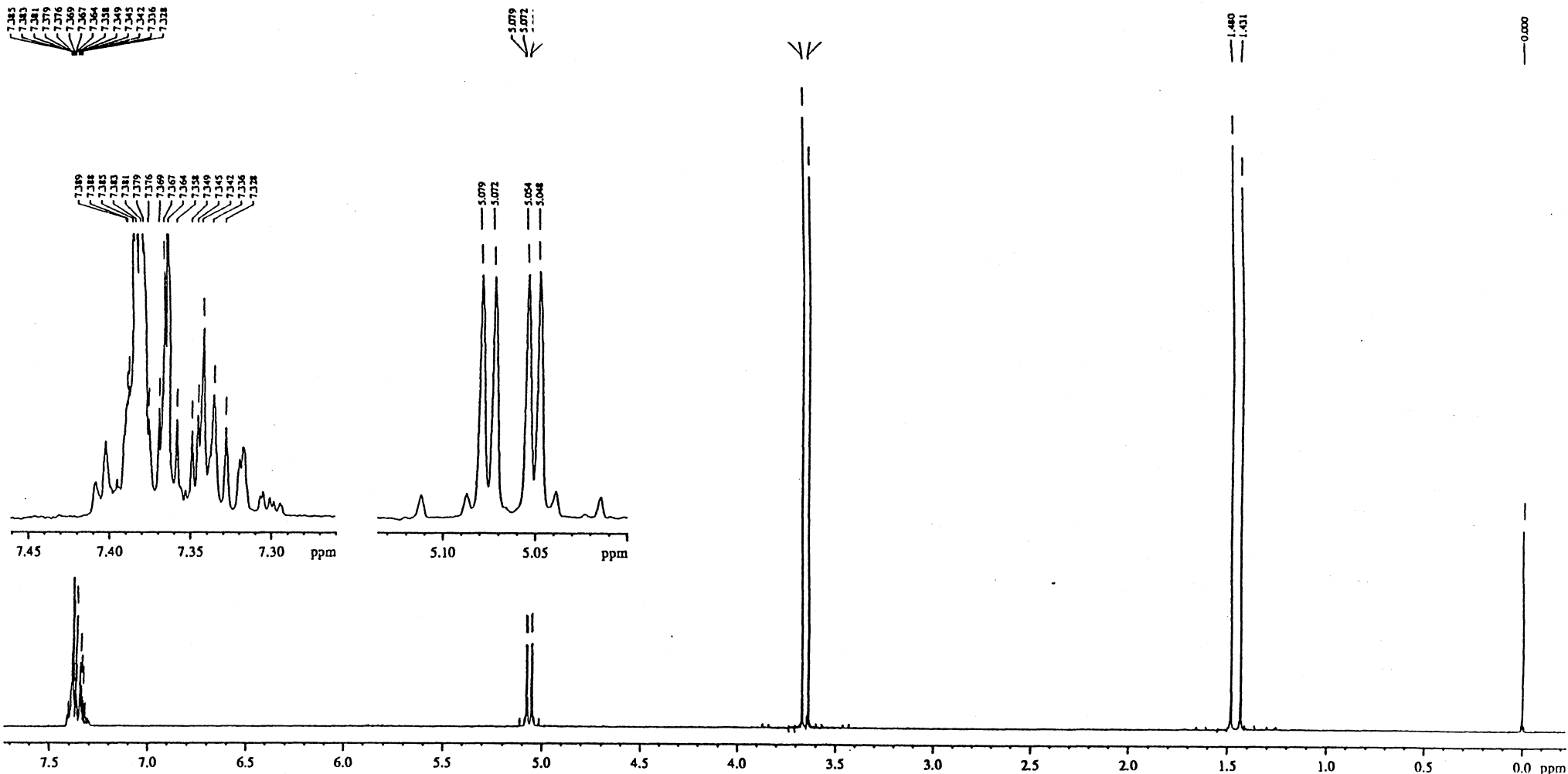


1-3-69



### BENZYL METHYL METHYLPHOSPHONATE

CAS number : 710-09-8  
 MF : C<sub>9</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 AMX360  
 Frequency : 360.13 MHz  
 Temperature : 23°C  
 Concentration : ≈ 40 mg/ml

Reference : TMS/internal  
 Spectral width : 3300 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 peak 0.45 Hz

a : δ = 1.46 ppm ; J<sub>P-a</sub> = 17.6 Hz  
 b : δ = 5.08 & 5.04 ppm ; J<sub>P-b</sub> = 9.0 & 8.8 Hz ; J<sub>b-b</sub> = 11.9 Hz  
 d, e, f : δ = 7.25-7.40 ppm  
 g : δ = 3.65 ppm ; J<sub>P-g</sub> = 11.1 Hz

