



### (2-METHOXYETHYL)ETHYL METHYLPHOSPHONATE

CAS number : unknown  
 MF :  $C_6H_{15}O_4P$   
 Solvent/Lock :  $CDCl_3 / CDCl_3$   
 Nucleus :  $^1H$   
 Apparatus : Bruker AMX360  
 Frequency : 360.13 MHz  
 Temperature : 23°C  
 Concentration : = 40 mg/ml

Reference : TMS internal  
 Spectral width : 2960 Hz  
 Pulse Width : 9.5  $\mu s$  (90°)  
 Repetition Time : 4 s  
 Data points : FID = 16K, SPC = 16K  
 Line Broadning : No  
 Peak Width 1/2 height : peak 3.40 ppm 0.7 Hz

a :  $\delta = 1.51$  ppm ;  $J_{P-a} = 17.6$  Hz  
 b :  $\delta = 4.20$  & 4.13 ppm ;  $J_{P-b} = 8.3$  & 8.1 Hz  
 $J_{b-b} = 12.5$  Hz  
 c :  $\delta = 3.60$  ppm ;  $J_{b-c} = 4.7$  Hz  
 d :  $\delta = 3.40$  ppm ;  
 e :  $\delta = 4.13$  & 4.08 ppm ;  $J_{P-e} = 7.9$  & 8.9 Hz  
 $J_{e-e} = 10.2$  Hz  
 f :  $\delta = 1.33$  ppm ;  $J_{e-f} = 7.1$  Hz

