



### BENZYLETHYL METHYLPHOSPHONATE

CAS number : 62614-27-1  
 MF :  $C_{10}H_{15}O_3P$   
 Solvent/Lock :  $CDCl_3/CDCl_3$   
 Nucleus :  $^{31}P$   
 Apparatus : Bruker AMX360  
 Frequency : 145.78 MHz  
 Temperature : 23°C  
 Concentration :  $\approx 40$  mg/ml

Reference :  $H_3PO_4$  external  
 Spectral width : 7692 Hz  
 Pulse Width : 4  $\mu s$  (90°)  
 Repetition Time : 1 s  
 Data points : FID = 16K, SPC = 16K  
 Line Broadning : 0.6 Hz  
 Peak Width 1/2 height : P peak 1.8 Hz

$\delta = 31.57$  ppm ;  $J_{P-a} = 17.6$  Hz ;  
 $J_{P-b} = 8.8$  Hz ;  
 $J_{P-g} = 8.7$  Hz