



### CYCLOHEXYL (1-METHYLETHYL)PHOSPHONOFUORIDATE

CAS number :  
 MF :  $C_9H_{18}FO_2P$   
 Solvent/Lock :  $CDCl_3/CDCl_3$   
 Nucleus :  $^{31}P$   
 Apparatus : Bruker DPX 360  
 Frequency : 145.78 MHz  
 Temperature : 23°C  
 Concentration :  $\approx 40$  mg/ml

Reference :  $H_3PO_4$  external  
 Spectral width : 9750 Hz  
 Pulse Width :  $3 \mu s$  (# 90°)  
 Repetition Time : 1 s  
 Data points : FID = 64K, SPC = 64K  
 Line Broadning : No  
 Peak Width 1/2 height : peak 37.71 ppm 1.2 Hz

$\delta = 34.00$  ppm       $J_{P-F} = 1086.8$  Hz  
 $J_{P-a} = 19.8$  Hz  
 $J_{P-b} = 19.7$  Hz  
 $J_{P-c} = 7.2$  Hz

