


**(1.2.2-TRIMETHYLPROPYL) ETHYLPHOSPHONOFUORIDATE (Diastereoisomers)**

CAS number : 97931-20-9  
 MF :  $C_8H_{18}FO_2P$   
 Solvent/Lock :  $CDCl_3/CDCl_3$   
 Nucleus :  $^{19}F$   
 Apparatus : Bruker AMX360  
 Frequency : 338.86 MHz  
 Temperature : 23°C  
 Concentration :  $\approx 40$  mg/ml

Reference :  $CFCl_3$  internal  
 Spectral width : 29400 Hz  
 Pulse Width : 9.5  $\mu s$  (90°)  
 Repetition Time : 2 s  
 Data points : FID = 64K, SPC = 64K  
 Line Broadning : No  
 Peak Width 1/2 height : peak -64.97 ppm 1.6 Hz

$\delta = -63.97$  ppm ;  $J_{F-P} = 1067.5$  Hz  
 $J_{F-a} = 4.3$  Hz  
 $\delta = -66.54$  ppm ;  $J_{F-P} = 1067.5$  Hz  
 $J_{F-a} = 4.1$  Hz

