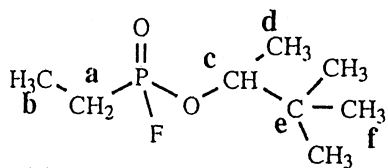


(1,2,2-TRIMETHYLPROPYL) ETHYLPHOSPHONOFUORIDATE (Diastereoisomers)



CAS number : 97931-20-9
 MF : $C_8H_{18}FO_2P$
 Solvent/Lock : $CDCl_3/CDCl_3$
 Nucleus : ^{31}P
 Apparatus : Bruker AMX360
 Frequency : 145.78 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : H_3PO_4 external
 Spectral width : 4810 Hz
 Pulse Width : $3 \mu s$ (# 90°)
 Repetition Time : 1 s
 Data points : FID = 8K, SPC = 8K
 Line Broadning : No
 Peak Width 1/2 height : peak 36.17 ppm 1.3 Hz

$\delta = 32,51$ ppm & $31,63$ ppm

$J_{P-F} = 1067.5$ Hz
 $J_{P-a} = 19.4$ Hz
 $J_{P-b} = 21.3$ Hz
 $J_{P-c} = 7.5$ & 8.5 Hz