



(1,2,2-TRIMETHYLPROPYL) (1-METHYLETHYL)PHOSPHONOFUORIDATE (Dias.)

CAS number :
 MF : $C_9H_{20}FO_2P$
 Solvent/Lock : $CDCl_3/CDCl_3$
 Nucleus : ^{31}P
 Apparatus : Bruker DPX 360
 Frequency : 145.78 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : H_3PO_4 external
 Spectral width : 9750 Hz
 Pulse Width : $8 \mu s$ (90°)
 Repetition Time : 1 s
 Data points : FID = 64K, SPC = 64K
 Line Broadening : No
 Peak Width 1/2 height : peak 37.91 ppm 5.6 Hz

$\delta = 33.29$ ppm ; $J_{P-F} = 1087.4$ Hz
 $J_{P-a} = 19.9$ Hz ; $J_{P-b} = 19.7$ Hz ; $J_{P-c} = 8.2$ Hz
 $\delta = 34.19$ ppm ; $J_{P-F} = 1085.7$ Hz
 $J_{P-a} = 19.9$ Hz ; $J_{P-b} = 19.9$ Hz ; $J_{P-c} = 6.6$ Hz

