



(1,2-DIMETHYLPROPYL) METHYLPHOSPHONATE

CAS number : 151299-67-1
 MF : $C_6H_{15}O_3P$
 Solvent/Lock : DMSO d_6 /DMSO d_6
 Nucleus : ^{13}C
 Apparatus : Bruker AMX360
 Frequency : 90.56 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference internal: DMSO d_6 39.40 ppm
 Spectral width : 9260 Hz
 Pulse Width : 4 μs (90°)
 Repetition Time : 1 s
 Data points : FID = 32K, SPC = 32K
 Line Broadning : No
 Peak Width 1/2 height : peak 18.45 ppm 0.7 Hz

a : $\delta = 12.50$ ppm ; $J_{P-a} = 141.6$ Hz
 b : $\delta = 76.14$ ppm ; $J_{P-b} = 6.5$ Hz
 c : $\delta = 33.52$ ppm ; $J_{P-c} = 5.5$ Hz
 d : $\delta = 17.74$ & 17.71 ppm
 e : $\delta = 18.44$ ppm ; $J_{P-e} = 2.0$ Hz

