



1,2-DIMETHYLPROPYL METHYLPHOSPHONOFUORIDATE

CAS number : 6154-51-4
 MF : $C_6H_{14}FO_2P$
 Solvent/Lock : $CDCl_3/CDCl_3$
 Nucleus : ^{13}C
 Apparatus : Bruker WP200SY
 Frequency : 50.3 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : TMS/internal
 Spectral width : 4902 Hz
 Pulse Width : $5 \mu s$ (90°)
 Repetition Time : 4.6 s
 Data points : FID = 16K, SPC = 8K
 Line Broadening : No
 Resolution (TMS) : 1.8 Hz

a : $\delta = 10.07$ ppm ; $\delta = 10.64$ ppm
 $J_{P-a} = 150.2$ Hz ; $J_{F-a} = 17.9$ Hz
 b : $\delta = 80.54$ ppm ; $\delta = 80.87$ ppm ; $J_{P-b} = 7.8$ Hz
 c : $\delta = 18.58$ ppm ; $J_{P-c} = 3.0$ Hz ; $J_{F-c} = 1.8$ Hz
 $\delta = 18.68$ ppm ; $J_{P-c} = 1.8$ Hz ; $J_{F-c} = 0$ Hz
 d : $\delta = 33.91$ ppm ; $J_{P-d} = 4.8$ Hz ; $J_{F-d} = 0$ Hz
 $\delta = 33.98$ ppm ; $J_{P-d} = 6.6$ Hz ; $J_{F-d} = 1.2$ Hz
 e : $\delta = 17.56$ ppm ; $\delta = 17.87$ ppm