



BENZYLPROPYL METHYLPHOSPHONATE

CAS number : 718-23-6
 MF : $C_{11}H_{17}O_3P$
 Solvent/Lock : $CDCl_3/CDCl_3$
 Nucleus : 1H
 Apparatus : Bruker AMX 360
 Frequency : 360.13 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : TMS/internal
 Spectral width : 2960 Hz
 Pulse Width : 9.5 μs (90°)
 Repetition Time : 4 s
 Data points : FID = 16K, SPC = 16K
 Line Broadning : No
 Peak Width 1/2 height : peak 1.48 ppm 0.7 Hz

a : $\delta = 1.46$ ppm ; $J_{P-a} = 17.6$ Hz
 b : $\delta = 5.08$ & 5.04 ppm ; $J_{P-b} = 8.8$ & 8.6 Hz ; $J_{b-b} = 11.8$ Hz
 d, e, f : $\delta = 7.25$ - 7.50 ppm ;
 g : $\delta = 3.97$ & 3.88 ppm ; $J_{P-g} = 7.6$ & 7.2 Hz ;
 $J_{g-g} = 9.9$ Hz , $J_{g-h} = 6.6$ & 6.7 Hz
 h : $\delta = 1.65$ ppm ; $J_{h-i} = 7.4$ Hz
 i : $\delta = 0.92$ ppm

