



BENZYLETHYL ETHYLPHOSPHONATE

CAS number : 4537-61-5
 MF : $C_{11}H_{17}O_3P$
 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 : 9615 Hz
 Pulse Width : 4 μs (90°)
 Repetition Time : 1 s
 Data points : FID = 16K, SPC = 16K
 Line Broadening : No
 Peak Width 1/2 height : peak 34.62 ppm 1.8 Hz

$\delta = 34.62$ ppm ; $J_{P-a} = 18.2$ Hz ;
 $J_{P-b} = 20.1$ Hz ;
 $J_{P-c} = 8.5$ Hz ;
 $J_{P-h} = 8.2$ & 7.8 Hz

