



BENZYLBUTYL METHYLPHOSPHONATE

CAS number :
 MF : $C_{12}H_{19}O_3P$
 Solvent/Lock : $CDCl_3/CDCl_3$
 Nucleus : ^{31}P
 Apparatus : Bruker AMX 360
 Frequency : 145.78 MHz
 Temperature : $23^\circ C$
 Concentration : ≈ 40 mg/ml

Reference : H_3PO_4 external
 Spectral width : 8060 Hz
 Pulse Width : $4 \mu s (90^\circ)$
 Repetition Time : 1 s
 Data points FID = 16K, SPC = 16K
 Line Broadning : No
 Peak Width 1/2 height : peak 31.53 ppm 1.2 Hz

$\delta = 31.53$ ppm ; $J_{P-a} = 17.6$ Hz ;
 $J_{P-b} = 8.9$ & 8.8 Hz ;
 $J_{P-g} = 7.6$ & 7.0 Hz

