



CYCLOPENTYL METHYLPHOSPHONATE

CAS number : 73207-99-5
 MF : $C_6H_{13}O_3P$
 Solvent/Lock : DMSO d_6 /DMSO d_6
 Nucleus : ^{31}P
 Apparatus : Bruker AMX 360
 Frequency : 145.78 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : H_3PO_4 external
 Spectral width : 5150 Hz
 Pulse Width : $4 \mu s$ (90°)
 Repetition Time : 1 s
 Data points : FID = 16K, SPC = 16K
 Line Broadning : No
 Peak Width 1/2 height : peak 26.84 ppm 2.7 Hz

$\delta = 26.84$ ppm ; $J_{P-a} = 17.1$ Hz
 $J_{P-b} = 7.7$ Hz