



CYCLOHEXYL (1-METHYLETHYL)PHOSPHONOFUORIDATE

CAS number : $C_9H_{18}FO_2P$
 MF : $CDCl_3/CDCl_3$
 Solvent/Lock : 1H
 Nucleus :
 Apparatus : Bruker DPX 360
 Frequency : 360.13 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference :
 Spectral width :
 Pulse Width :
 Repetition Time :
 Data points : FID = 16K, SPC = 16K
 Line Broadning : No
 Peak Width 1/2 height : TMS 0.5 Hz

TMS internal
 3250 Hz
 9.5 μs (90°)
 4 s

a : $\delta = 2.10$ ppm ; $J_{P-a} = 19.8$ Hz ; $J_{F-a} = 2.0$ Hz
 $J_{a-b} = 7.2$ Hz
 b : $\delta = 1.25$ ppm ; $J_{P-b} = 19.7$ Hz ; $J_{F-b} = 2.2$ Hz
 c : $\delta = 4.64$ ppm ; $J_{P-c} = 7.2$ Hz ; $J_{c-d} = 8.9$ & 4.0 Hz
 d, e, f : $\delta = 2.0 - 1.3$ ppm

