



* : cis-diastereoisomers
(major component = trans-diastereoisomers)

(2-METHYLCYCLOHEXYL) (1-METHYLETHYL)PHOSPHONOFUORIDATE (Dias.)

CAS number :	C ₁₀ H ₂₀ FO ₂ P	Reference :	CFCl ₃ internal	TRANS ISOMERS :
MF :	C ₁₀ H ₂₀ FO ₂ P	Spectral width :	29000 Hz	δ = - 70.54 ppm ; J _{F-P} = 1085.7 Hz
Solvent/Lock :	CDCl ₃ /CDCl ₃	Pulse Width :	15.5 μs (90°)	δ = - 72.94 ppm ; J _{F-P} = 1085.5 Hz
Nucleus :	¹⁹ F	Repetition Time :	2 s	CIS ISOMERS :
Apparatus :	Bruker DPX 360	Data points	FID = 128K, SPC = 128K	δ = - 63.36 ppm ; J _{F-P} = 1066.7 Hz
Frequency :	338.86 MHz	Line Broadning :	No	δ = - 66.02 ppm ; J _{F-P} = 1065.6 Hz
Temperature :	23°C	Peak Width 1/2 height :	peak -71.33 ppm 0.7 Hz	
Concentration :	≈ 40 mg/ml			

