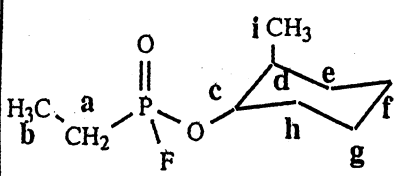


2-METHYLCYCLOHEXYL ETHYLPHOSPHONOFUORIDATE (DIASTEREO ISOMERS)



CAS number :	C ₉ H ₁₈ FO ₂ P	Reference :	H ₃ PO ₄ external	Trans isomer data (major compound)
MF :	CDCl ₃ /CDCl ₃	Spectral width :	4810 Hz	δ = 32.62 ppm J _{P-F} = 1069.3 Hz
Solvent/Lock :		Pulse Width :	3 μs (# 90°)	J _{P-a} = 19.4 Hz ; J _{P-b} = 21.4 Hz ; J _{P-c} = 7.3 Hz
Nucleus :	³¹ P	Repetition Time :	1 s	δ = 31.84 ppm J _{P-F} = 1067.8 Hz
Apparatus :	Bruker AMX360	Data points	FID = 8K, SPC = 8K	J _{P-a} = 19.1 Hz ; J _{P-b} = 21.7 Hz ; J _{P-c} = 8.8 Hz
Frequency :	145.78 MHz	Line Broadning :	No	
Temperature :	23°C	Peak Width 1/2 height :	peak 28.96 ppm 1.7 Hz	
Concentration :	~ 40 mg/ml			

1/04

OPCW Code:1-3-182 (p1/1)