



		O-PROPYL S-2-DIISOPROPYLAMINOETHYL METHYLPHOSPHONOTHIOATE	
CAS number :	52364-45-1	Reference :	TMS/internal
MF :	C ₁₂ H ₂₈ NO ₂ PS	Spectral width :	7692.31 Hz
Solvent/Lock :	CDCl ₃ /CDCl ₃	Pulse Width :	5 μs (90°)
Nucleus :	¹³ C	Repetition Time :	4 s
Apparatus :	Bruker WP200SY	Data points	FID = 16K, SPC = 8K
Frequency :	50.3 MHz	Line Broadning :	No
Temperature :	23°C	Resolution (TMS) :	1.8 Hz
Concentration :	≈ 40 mg/ml		
		a : δ = 20.07 ppm ; J _{p-a} = 110.4 Hz	
		b : δ = 66.50 ppm ; J _{p-b} = 7.1 Hz	
		c : δ = 23.70 ppm ; J _{p-c} = 7.1 Hz	
		d : δ = 10.09 ppm	
		e : δ = 46.66 ppm ; J _{p-e} = 3.9 Hz	
		f : δ = 31.59 ppm ; J _{p-f} = 2.6 Hz	
		g : δ = 48.86 ppm ; h : δ = 21.00 & 21.06 ppm	

OPCW Code:1-3-36 (p1/1)