



BENZYL(1-METHYLETHYL) ETHYLPHOSPHONATE

CAS number :	unknown	Reference :	TMS external	a : $\delta = 1.67$ ppm ;	$J_{p-a} = 18.2$ Hz ; $J_{a-b} = 7.8$ Hz
MF :	$C_{12}H_{19}O_3P$	Spectral width :	2960 Hz	b : $\delta = 1.09$ ppm ;	$J_{p-b} = 20.1$ Hz
Solvent/Lock :	$CDCl_3/CDCl_3$	Pulse Width :	$9.5 \mu s$ (90°)	c : $\delta = 5.03$ & 4.98 ppm ;	$J_{p-c} = 8.3$ & 8.0 Hz ;
Nucleus :	1H	Repetition Time :	4 s		$J_{c-c} = 12.0$ Hz
Apparatus :	Bruker AMX360	Data points	FID = 16K, SPC = 16K	e, f, g : $\delta = 7.25 - 7.40$ ppm	
Frequency :	360.13 MHz	Line Broadning :	No	h : $\delta = 4.65$ ppm ;	$J_{p-h} = 7.9$ Hz ; $J_{h-i} = 6.1$ Hz
Temperature :	23°C	Peak Width 1/2 height :	peak 1.11 ppm 1.4 Hz	i : $\delta = 1.26$ & 1.22 ppm	
Concentration :	≈ 40 mg/ml				