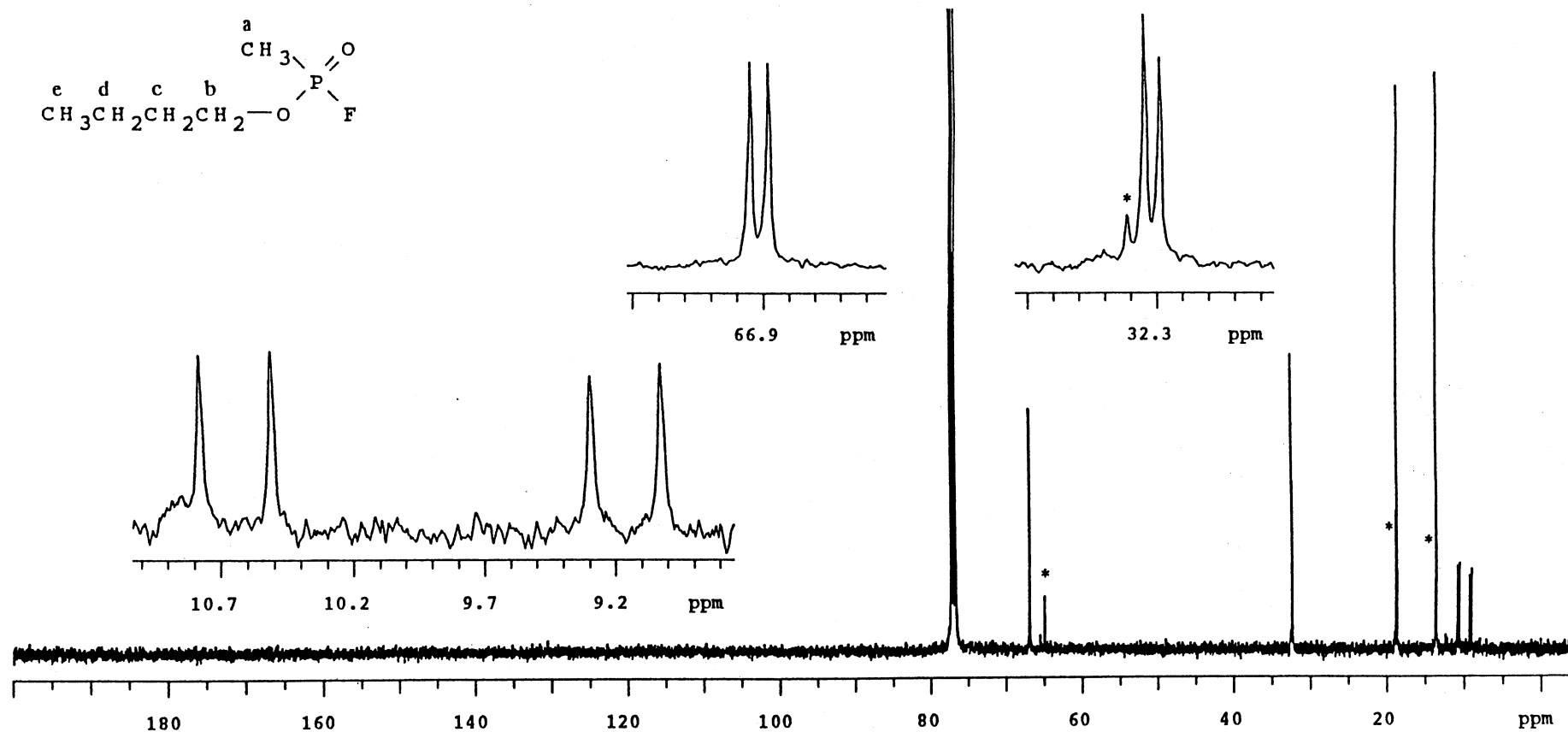
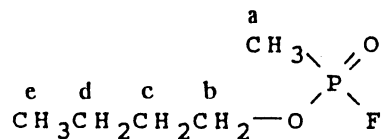


5-3-20

 $^{13}\text{C}\{^1\text{H}\}$  NMR

## Butyl methylphosphonofluoridate

352-63-6



Solvent:	$\text{CDCl}_3$	Flip angle; Pulse width:	33 °; 2.6 $\mu\text{s}$	nuc.	$\delta$ [ppm]	J [Hz]
Concentration:	12.2 mg/1.0 ml	No. of scans; Rep. time:	8192; 3.7 s	a	9.90	149.6 (P); 27.1 (F)
Reference substance:	TMS	Weighting; Line broad.:	exp.; 1.0 Hz	b	66.92	7.1 (P)
Sample temperature:	29.5 °C	Spectral resolution:	0.8 Hz (C-d)	c	32.32	5.9 (P)
Resonance frequency:	100.624 MHz	Instrument:	Bruker AMX-400	d	18.59	
Spectral width:	23809.5 Hz	Source reference:	920906-30	e	13.49	
Data points (FID; spec.):	64 k; 64 k					

OPCW Code:5-3-20 (p1/1)