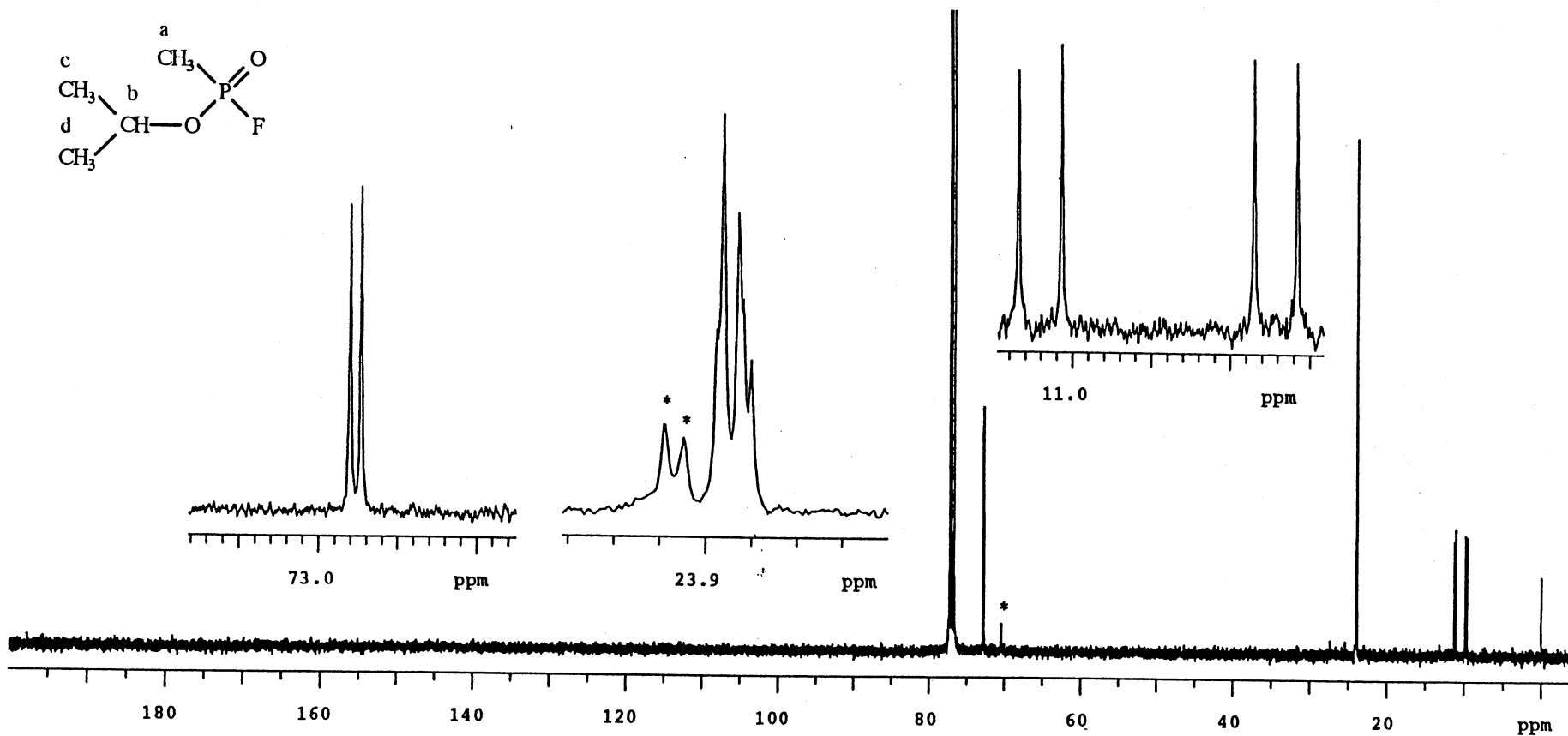
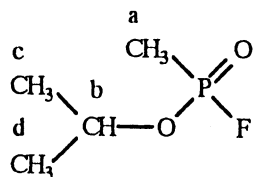


$^{13}\text{C}\{^1\text{H}\}$  NMR

## Isopropyl methylphosphonofluoridate (Sarin)

107-44-8



Solvent:	$\text{CDCl}_3$	Flip angle; Pulse width:	$33^\circ$ ; $2.6 \mu\text{s}$	nuc.	$\delta$ [ppm]	J [Hz]
Concentration:	14.1 mg/1.1 ml	No. of scans; Rep. time:	8192; 3.7 s	a	10.46	150.1 (P); 27.4 (F)
Reference substance:	TMS	Weighting; Line broad.:	exp.; 0.5 Hz	b	72.77	7.0 (P)
Sample temperature:	$29.5^\circ\text{C}$	Spectral resolution:	0.4 Hz (TMS)	c	23.838	5.9 (P); 1.7 (F)
Resonance frequency:	100.624 MHz	Instrument:	Bruker AMX-400	d	23.844	3.5 (P)
Spectral width:	23809.5 Hz	Source reference:	921012-89			
Data points (FID; spec.):	64 k; 64 k					