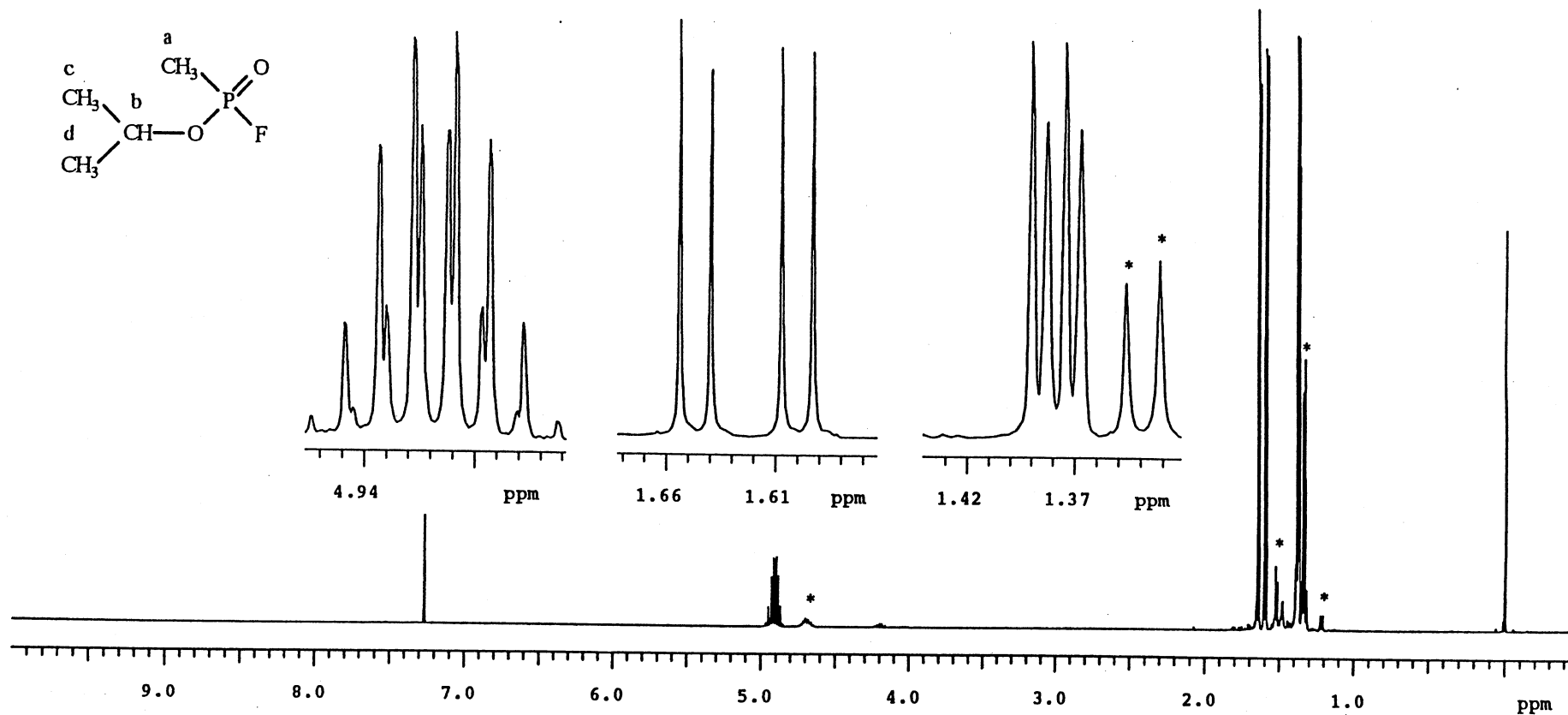
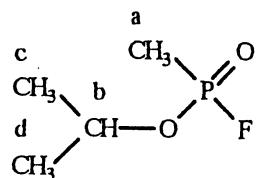


5-3-9

 $^1\text{H NMR}$

Isopropyl methylphosphonofluoridate (Sarin)

107-44-8



Solvent:	CDCl_3	Flip angle; Pulse width:	45° ; $6.2 \mu\text{s}$	nuc.	δ [ppm]	J [Hz]
Concentration:	14.1 mg/1.1 ml	No. of scans; Rep. time:	32; 23.1 s	a	1.623	18.7 (P); 5.7 (F)
Reference substance:	TMS	Weighting; Line broad.:	exp.; 0.1 Hz	b	4.908	6.2 (c); 6.2 (d); 7.7 (P); 0.3 (F)
Sample temperature:	29.5°C	Spectral resolution:	0.2 Hz (TMS)	c	1.375	6.2 (b)
Resonance frequency:	400.136 MHz	Instrument:	Bruker AMX-400	d	1.382	6.2 (b)
Spectral width:	4629.6 Hz	Source reference:	921013-85			
Data points (FID; spec.):	64 k; 32 k					

OPCW Code:5-3-9 (p1/1)