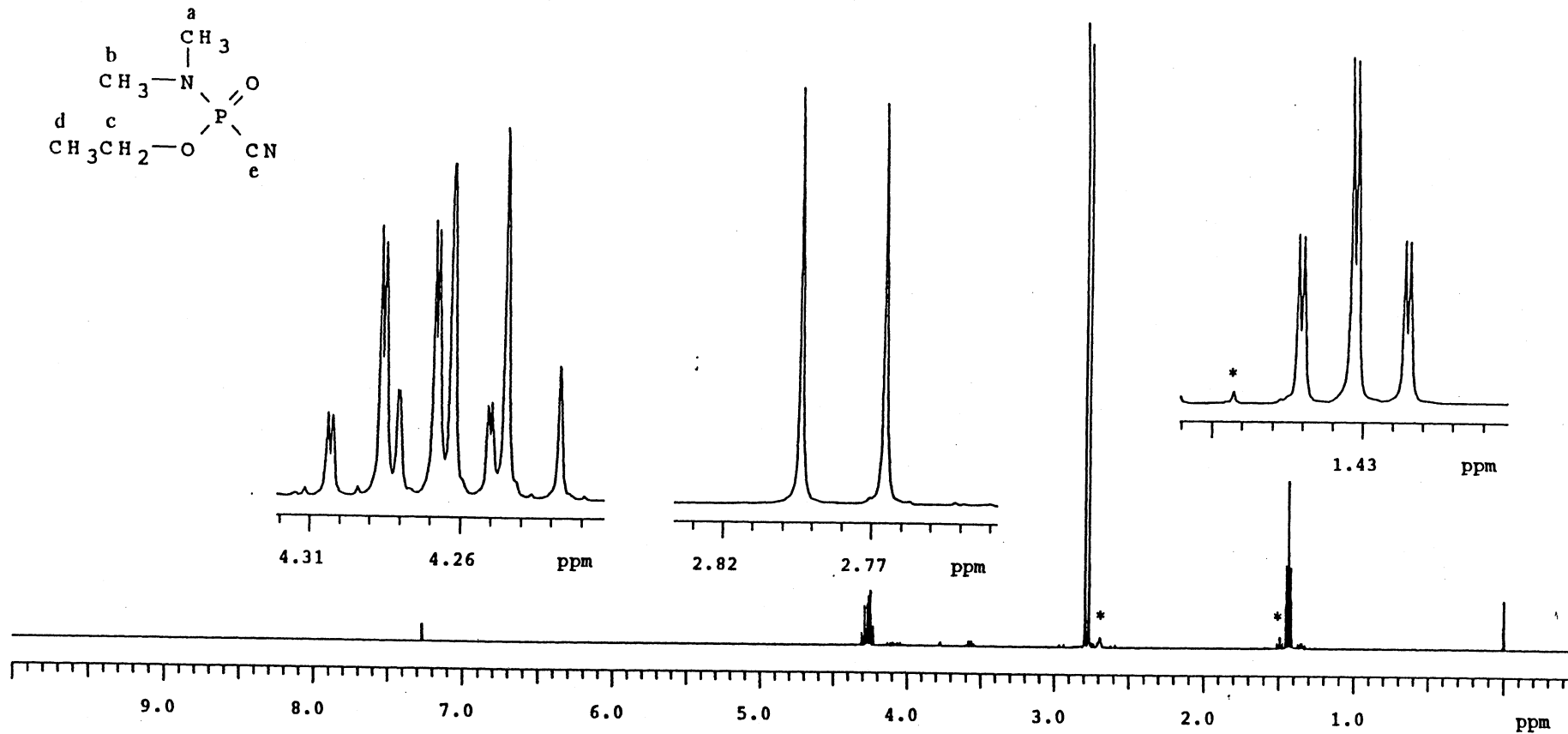
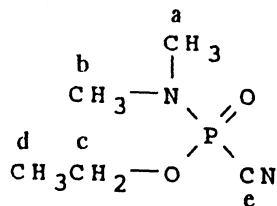


5-3-41

 $^1\text{H NMR}$ 

## Ethyl N,N-dimethylphosphoramidocyanidate (Tabun)

77-81-6



Solvent:	$\text{CDCl}_3$	Flip angle; Pulse width:	$45^\circ$ ; $6.2 \mu\text{s}$	nuc.	$\delta$ [ppm]	J [Hz]
Concentration:	16.4 mg/1.1 ml	No. of scans; Rep. time:	32; 19.5 s	a,b	2.779	11.3 (P)
Reference substance:	TMS	Weighting; Line broad.:	exp.; 0.1 Hz	c	4.268	-10.2 (c'); 7.1 (d); 9.8 (P)
Sample temperature:	$29.5^\circ\text{C}$	Spectral resolution:	0.3 Hz (TMS)	c'	4.261	-10.2 (c); 7.0 (d); 8.6 (P)
Resonance frequency:	400.136 MHz	Instrument:	Bruker AMX-400	d	1.433	7.1 (c); 7.0 (c'); 0.7 (P)
Spectral width:	4629.6 Hz	Source reference:	930209-429			
Data points (FID; spec.):	32 k; 32 k					

OPCW Code:5-3-41 (p1/1)