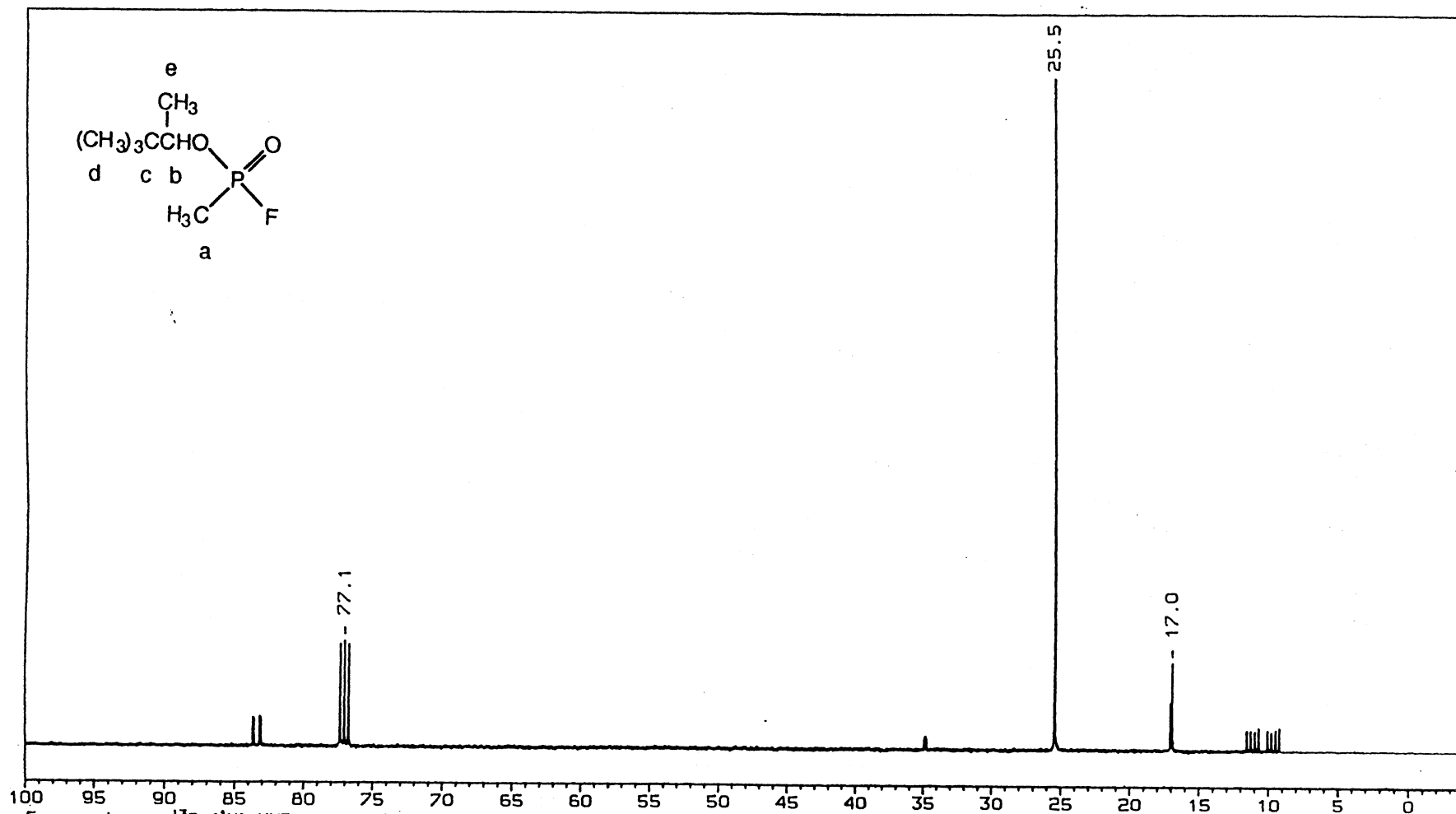


1,2,2-TRIMETHYLPROPYL METHYLPHOSPHONOFUORIDATE / GD (NATO) / SOMAN
 [96-64-0] C₇H₁₆F₂O₂P OPF1&OY1&X1&1&1

¹³C (1H) NMR

Experiment:	¹³ C (1H) NMR	Obs.frequency:	100.6 MHz	shifts (ppm)	couplings (Hz)
Solvent:	CDCl ₃	Spectral width:	10504 Hz	a 10.7 10.1	aP 150.6 151.5 eF (17.1) 2.0
Reference:	CDCl ₃	Data points (FID):	32768	b 83.7 83.2	aF 28.5 28.3
Temperature:	30 °C	Pulse angle:	8µs 50°	c 34.9 34.8	bP 7.9
Instrument:	Varian VXR400S	Number of pulses:	1060	d 25.5	bF (83.2) 0.7
Date:	Jul 26 91	Repetition time:	2.1 s	e 17.1 17.0	cP 7.1 5.5
Spec.nr (NL):	cog22b	Line broadening:	1 s		cF (34.9) 1.4
		Data points (spec):	16 k		eP 2.0 0.8