

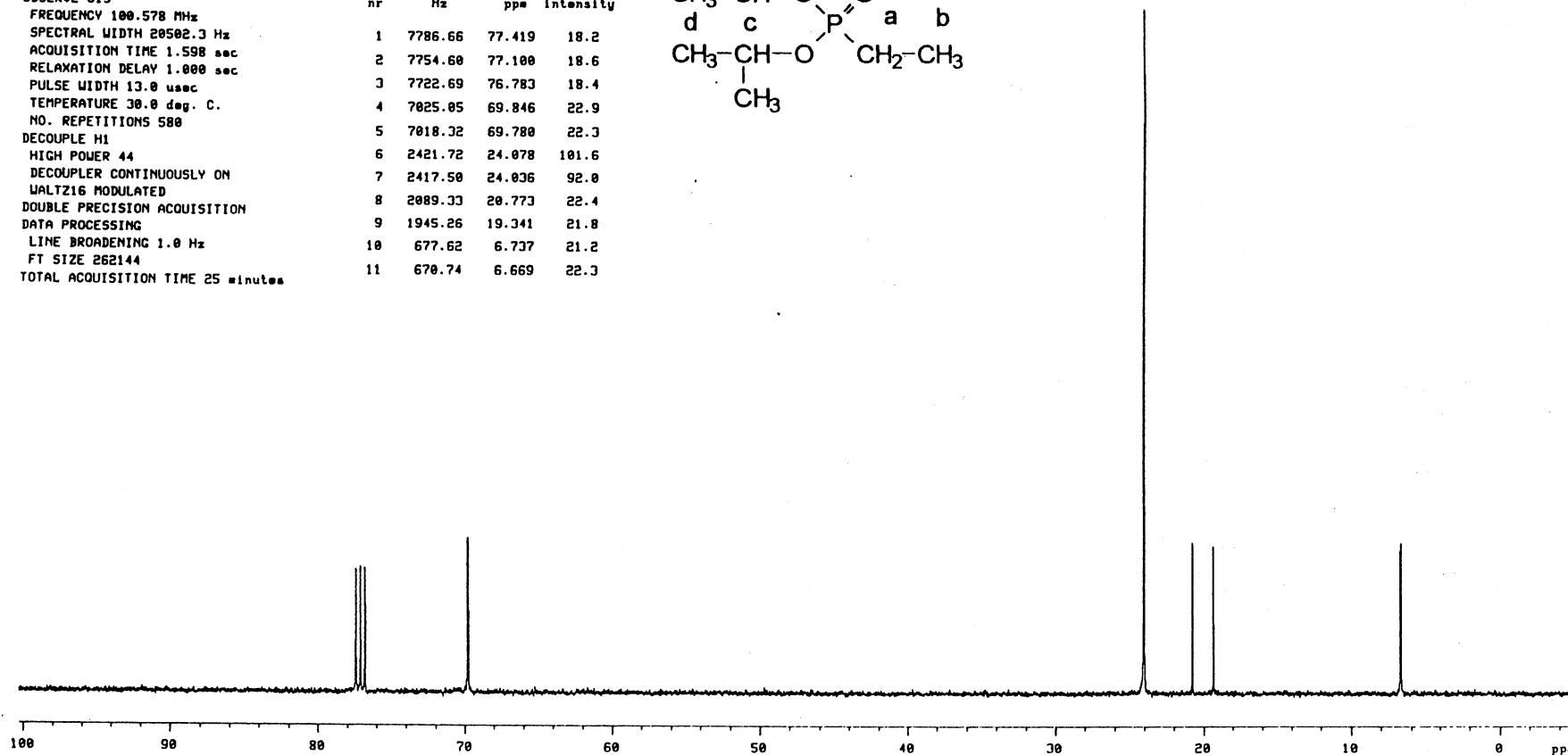
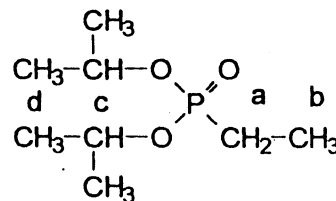
¹³C-NMR c1110b(1H)
 ca 41mg diisopropyl ethylphosphonate
 in ca 0.7ml CDCl₃
 214195126.006 jrn.342;134/200
 OBSERVE C13
 FREQUENCY 100.578 MHz
 SPECTRAL WIDTH 20502.3 Hz
 ACQUISITION TIME 1.598 sec
 RELAXATION DELAY 1.000 sec
 PULSE WIDTH 13.0 usec
 TEMPERATURE 30.0 deg. C.
 NO. REPETITIONS 580
 DECOUPLE H1
 HIGH POWER 44
 DECOUPLER CONTINUOUSLY ON
 WALTZ16 MODULATED
 DOUBLE PRECISION ACQUISITION
 DATA PROCESSING
 LINE BROADENING 1.0 Hz
 FT SIZE 262144
 TOTAL ACQUISITION TIME 25 minutes

SPECTRAL LINES for th=7.8

rfl= 8395.8 rfp= 7754.6

CDCl₃ internal=77.1ppm

nr	Hz	ppm	intensity
1	7786.66	77.419	18.2
2	7754.60	77.100	18.6
3	7722.69	76.783	18.4
4	7025.05	69.846	22.9
5	7018.32	69.780	22.3
6	2421.72	24.078	101.6
7	2417.50	24.036	92.0
8	2089.33	20.773	22.4
9	1945.26	19.341	21.8
10	677.62	6.737	21.2
11	670.74	6.669	22.3



Diisopropyl ethylphosphonate
 CAS 1067-69-2

Nucleus :

Frequency :

Concentration :

Reference CDCl₃ internal (77.1ppm). Res : 1.9 Hz (CDCl₃)

Instrument :

¹³C {¹H}

100.6 MHz

ca. 41 mg/0.7 ml CDCl₃

Varian VXR 400S

Temperature : 30 °C

Spectral width : 20502.3 Hz

Data point (FID) : 64 K

Pulse angle : 13.0 μs (60°)

Number of pulses : 580

Repetition time : 2.6 s

Line broadening : 1.0 Hz

Data points (spec) : 256 K

a: 20.1 ppm J(aP) : 144.1 Hz

b: 6.7 ppm J(bP) : 6.9 Hz

c: 69.8 ppm J(cP) : 6.7 Hz

d: 24.1 ppm J(dP) : 4.4 Hz