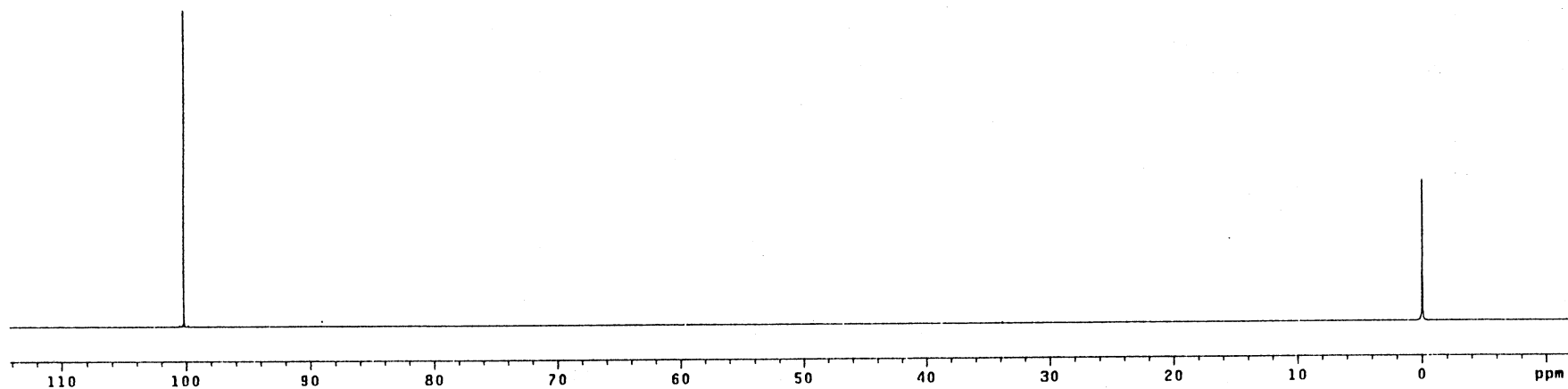
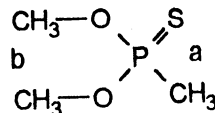


³¹P-NMR p1124b2(1H) + cap 85X H₃PO₄
 O,O-dimethyl methylthiophosphonate
 in ca 0.7ml CDCl₃
 214195126.006 JRN.342;148/200
 Solvent: CDCl₃
 Temp. 30.0 C / 303.1 K
 User: pm1
 File: p1124b2
 VXR-400S "pm1vvr"
 PULSE SEQUENCE
 Relax. delay 3.400 sec
 Pulse 60.0 degrees
 Acq. time 1.604 sec
 Width 20429.0 Hz
 8 repetitions
 OBSERVE P31, 161.9046995 MHz
 DECOUPLE H1, 399.9571995 MHz
 Power 44 dB
 on during acquisition
 off during delay
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 0.1 Hz
 FT size 262144
 Total time 1 minute

SPECTRAL LINES for th-17.0
 rf1= 1930.2 rfp= 0.0
 H₃PO₄ external;res.100.2ppm:0.7Hz

nr	Hz	ppm	intensity
1	16222.13	100.190	46.3
2	0.00	0.000	20.5



Dimethyl methylthiophosphonate

CAS 681-06-1

Nucleus :

Frequency :

Concentration :

Reference H₃PO₄ external.

Instrument :

³¹P{¹H}

161.9 MHz

ca. 177 mg/0.7 ml CDCl₃

Res. : 0.7 Hz (100.2 ppm)

Varian VXR 400S

Temperature : 30 °C

Spectral width : 20429.0 Hz

Data point (FID) : 128 K

Pulse angle : 10.4 μs (60°)

Number of pulses : 8

Repetition time : 5.0 s

Line broadening : 0.1 Hz

Data points (spec) : 256 K

P: 100.2 ppm