

³¹P-NMR pjh06b3(1H) + cap 85X H3PO4
17.6mg V27 in 0.7ml D2O + DCI
214196066.004 jrn.458;052/100

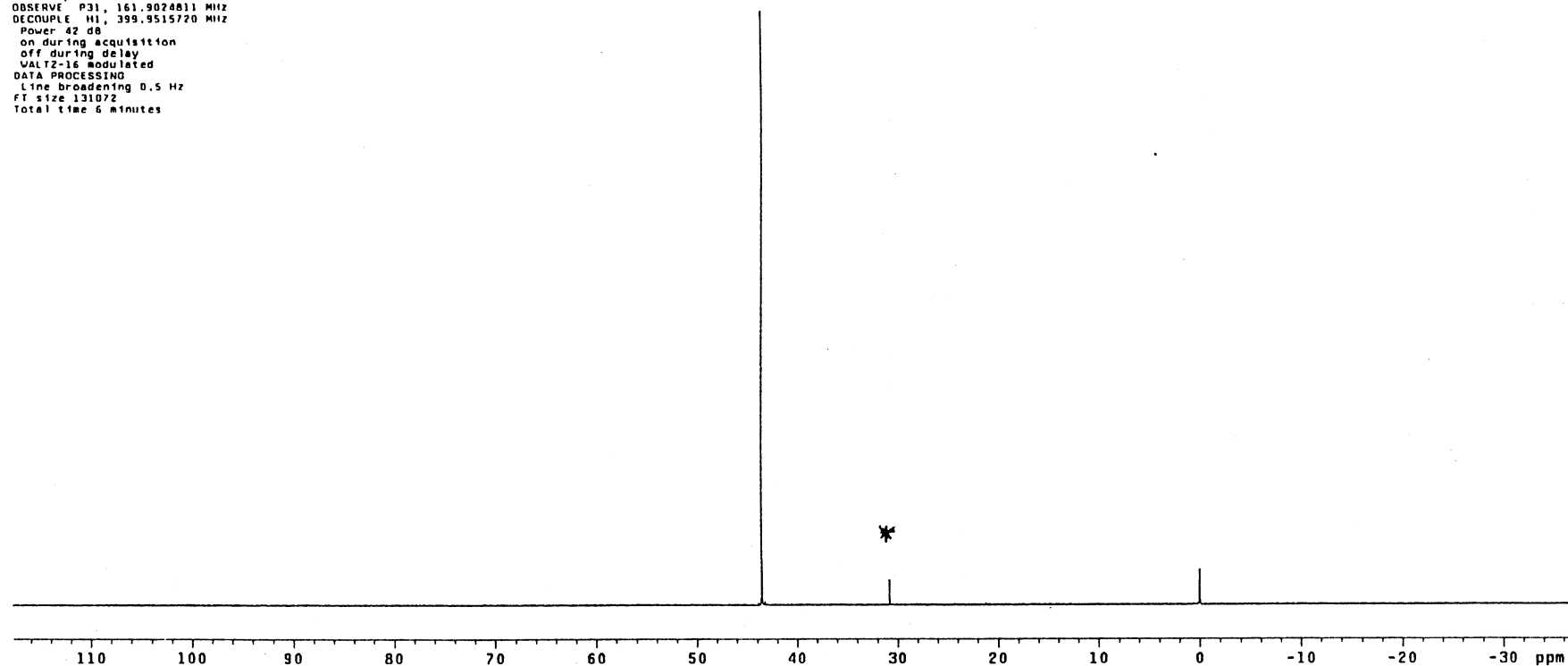
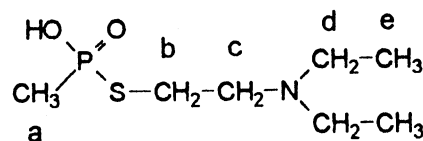
Solvent: D2O
Temp. 30.0 C / 303.1 K
User: pm1
File: pjh06b3
VXR-400S "pmlvvr"

PULSE SEQUENCE
Relax. delay 1.000 sec
Pulse 60.0 degrees
Acq. time 2.560 sec
Width 25000.0 Hz
110 repetitions
OBSERVE P31, 161.902811 MHz
DECOUPLE H1, 399.9515770 MHz
Power 42 dB
on during acquisition
off during delay
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 131072
Total time 6 minutes

SPECTRAL LINES for th-4.7

rf1= 5927.7 rfp= 0.0
H3PO4 external;dres 43.5ppm;2.0Hz

nr	Hz	ppm	intensity
1	7049.29	43.539	87.6
2	0.00	0.000	5.1



S-2-diethylaminoethyl methylphosphonothiolate

CAS

Nucleus :

³¹P{1H}

Frequency :

161.9 MHz

Concentration : 17.6 mg/0.7 ml D₂O + DCI (pH=2)

Reference H₃PO₄ external. Res. : 2.0 Hz (43.5 ppm)

Instrument :

Varian VXR 400S

Temperature : 30 °C

P: 43.5 ppm

Spectral width : 25000.0 Hz

Data point (FID) : 128000

Pulse angle : 5.7 μs (60°)

Number of pulses : 110

Repetition time : 3.6 s

Line broadening : 0.5 Hz

Data points (spec) : 128 K