

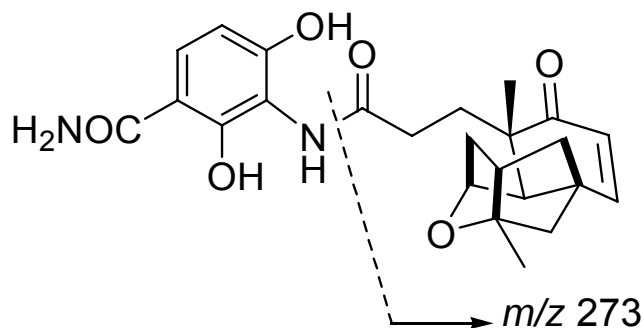
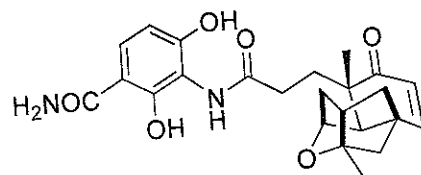


Figure S1: ESIMS fragmentation of platensimycin B2

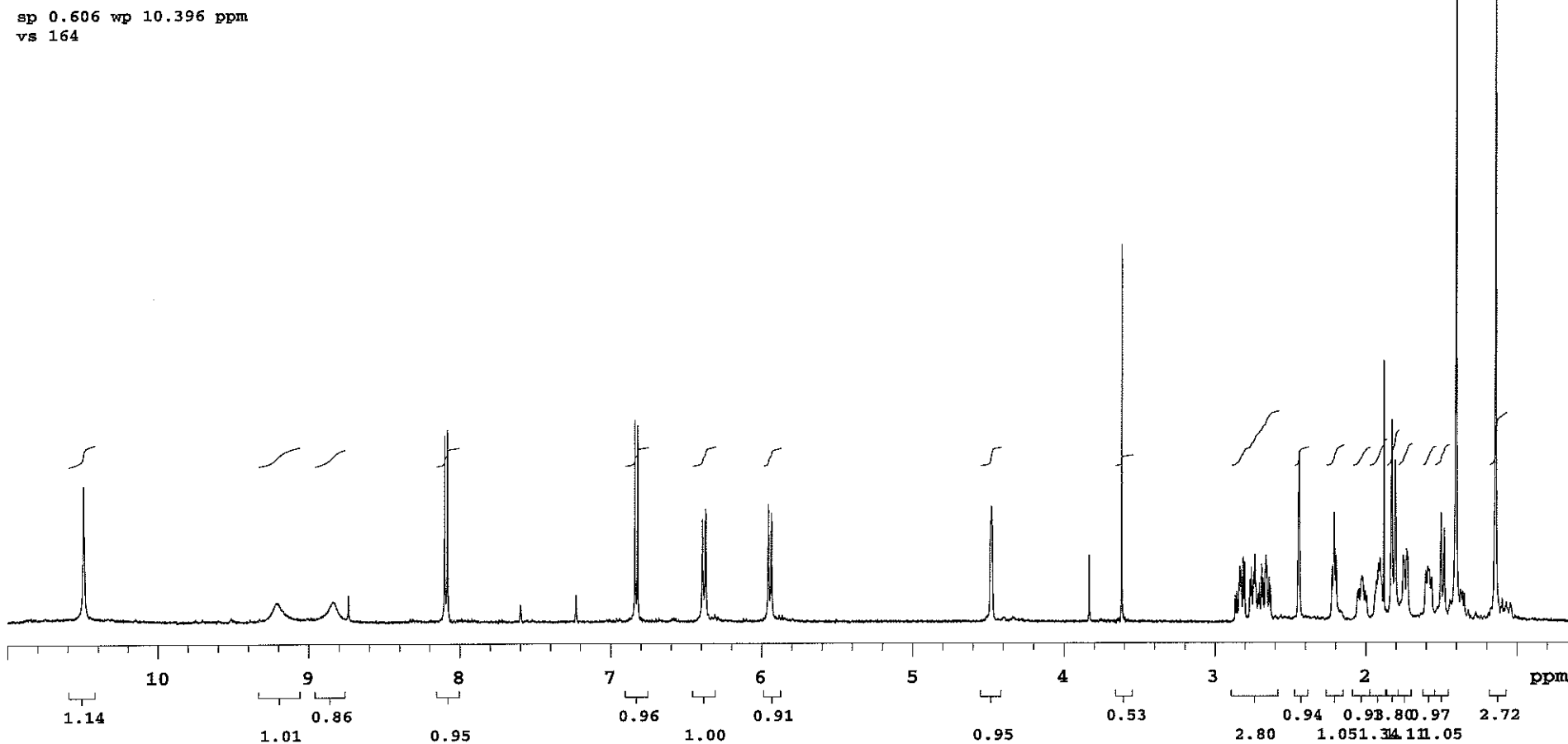
Physical data: **3**: $[\alpha]_D^{23}$ -48 (c, 0.5, MeOH), UV (MeOH) $\lambda_{\max}$ 230 (ϵ 21,870), 240 (sh), 300 (ϵ 4,000) nm; IR (ZnSe) $\nu_{\max}$ 3346, 3219, 2964, 1649, 1617, 1534, 1425, 1380, 1303, 1280, 1204, 1151, 1137, 1104, 1091, 1025, 998, 954 cm^{-1} **4**: $[\alpha]_D^{23}$ -20.9 (c, 0.5, MeOH), UV (MeOH) $\lambda_{\max}$ 215 (ϵ 14,800), 234 (13,400), 295 (ϵ 200) nm; IR (ZnSe) $\nu_{\max}$ 3241, 2958, 1761, 1655, 1613, 1534, 1456, 1375, 1333, 1205, 1152, 1065, 1019 cm^{-1} , **5**: $[\alpha]_D^{23}$ -36.0 (c 0.5, MeOH); UV (MeOH) $\lambda_{\max}$ 206 (ϵ 17,197), 246 (9,483) nm; IR (ZnSe) $\nu_{\max}$ 3280, 2963, 1667(br, strong), 1537, 1475, 1347, 1277, 1203, 1138, 1038, 999, 830 cm^{-1} .

P-502830-04YZ031

Date: May 20 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.861
MO# 470
NB: 72937-101
PEX:
samp/frac:
ISID: zhangcha



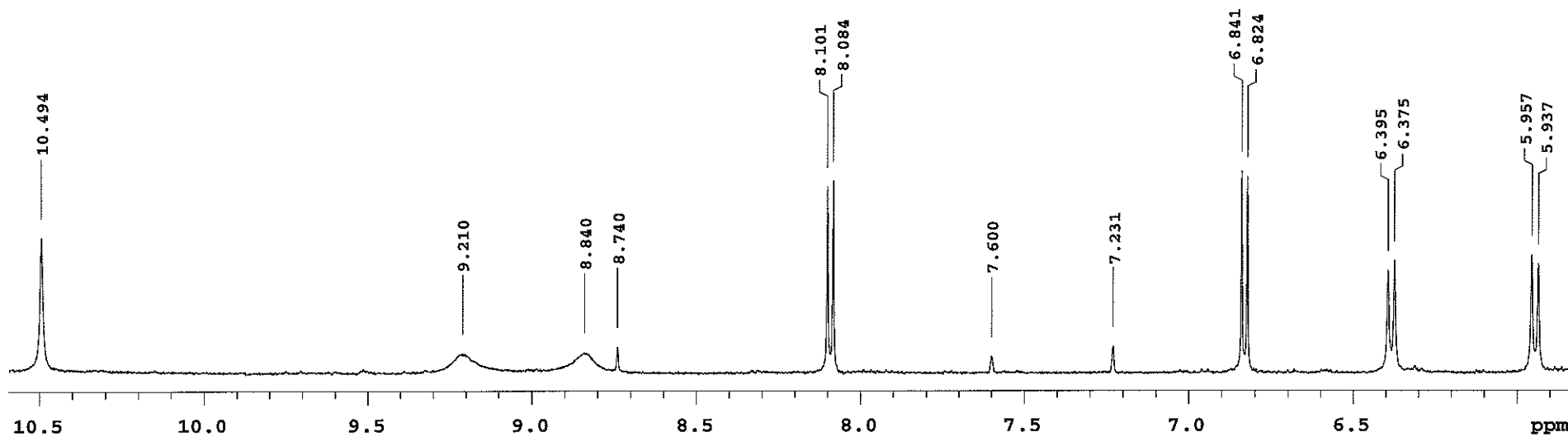
3 (Platensimycin B₁)
L-000850832



P-502830-04YZ031

Date: May 20 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.861
MO# 470
NB: 72937-101
PEX:
samp/frac:
ISID: zhangcha

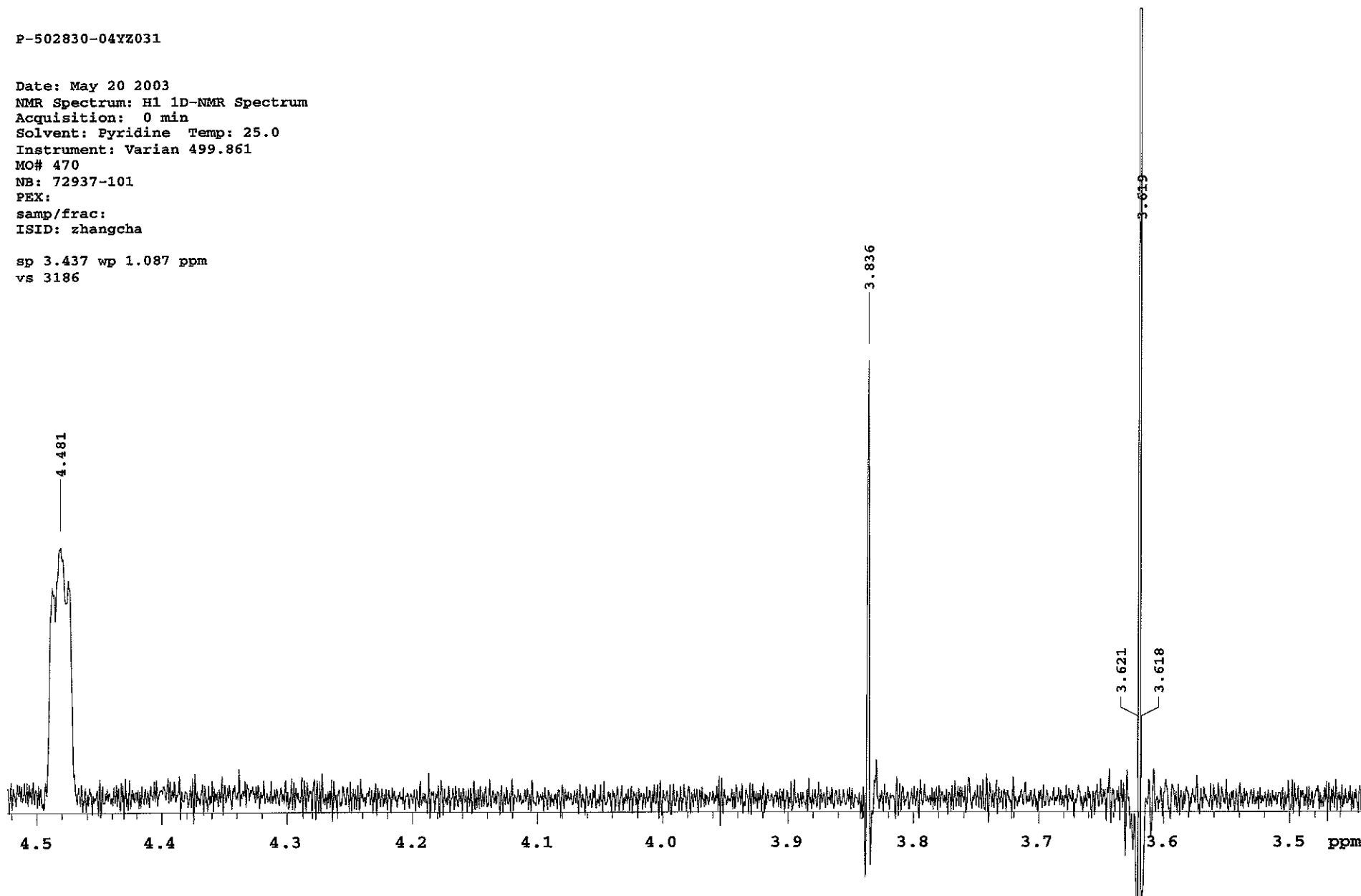
sp 5.816 wp 4.776 ppm
vs 164



P-502830-04YZ031

Date: May 20 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.861
MO# 470
NB: 72937-101
PEX:
samp/frac:
ISID: zhangcha

sp 3.437 wp 1.087 ppm
vs 3186

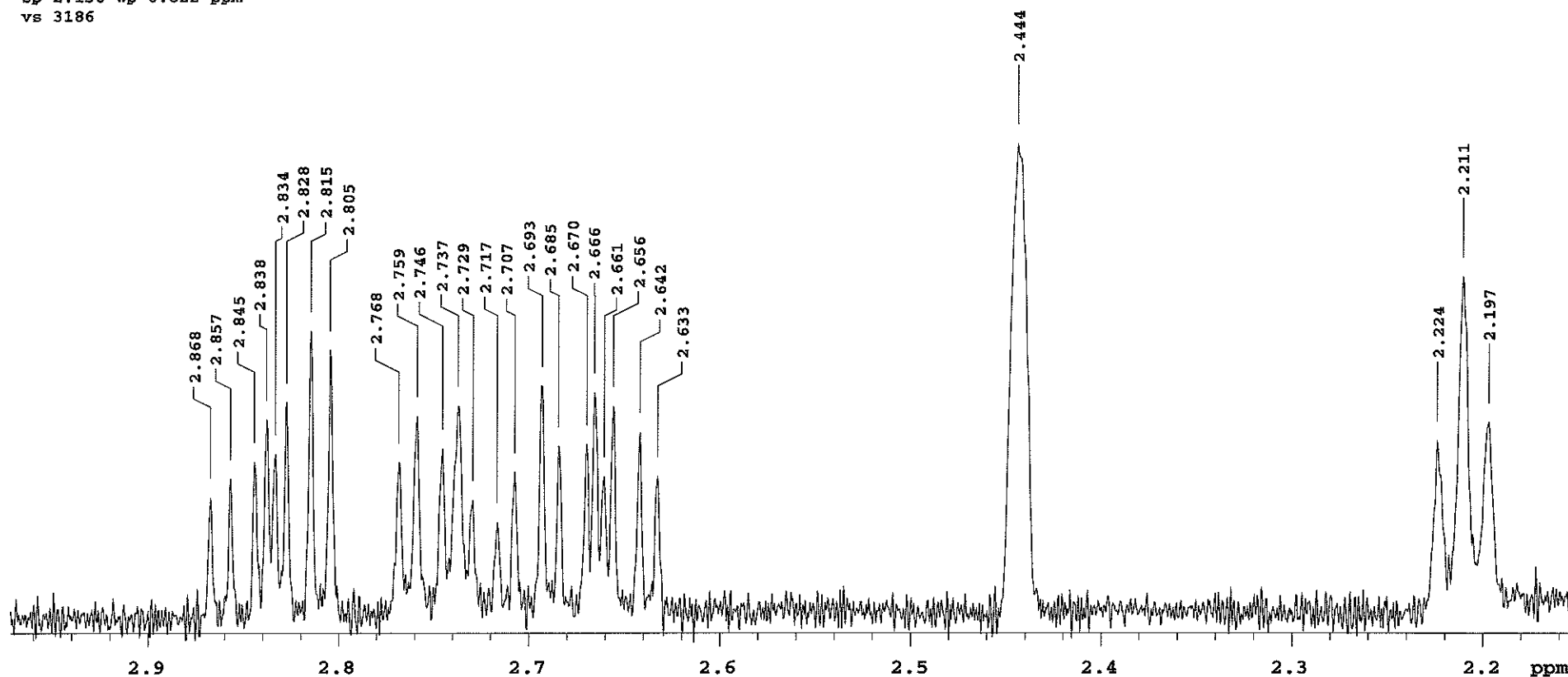


NMR Spectra of Platensimycin B1 (3)

P-502830-04YZ031

Date: May 20 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.861
MO# 470
NB: 72937-101
PEX:
samp/frac:
ISID: zhangcha

sp 2.150 wp 0.822 ppm
vs 3186



P-502830-04YZ031

Date: May 20 2003

NMR Spectrum: H1 1D-NMR Spectrum

Acquisition: 0 min

Solvent: Pyridine Temp: 25.0

Instrument: Varian 499.861

MO# 470

NB: 72937-101

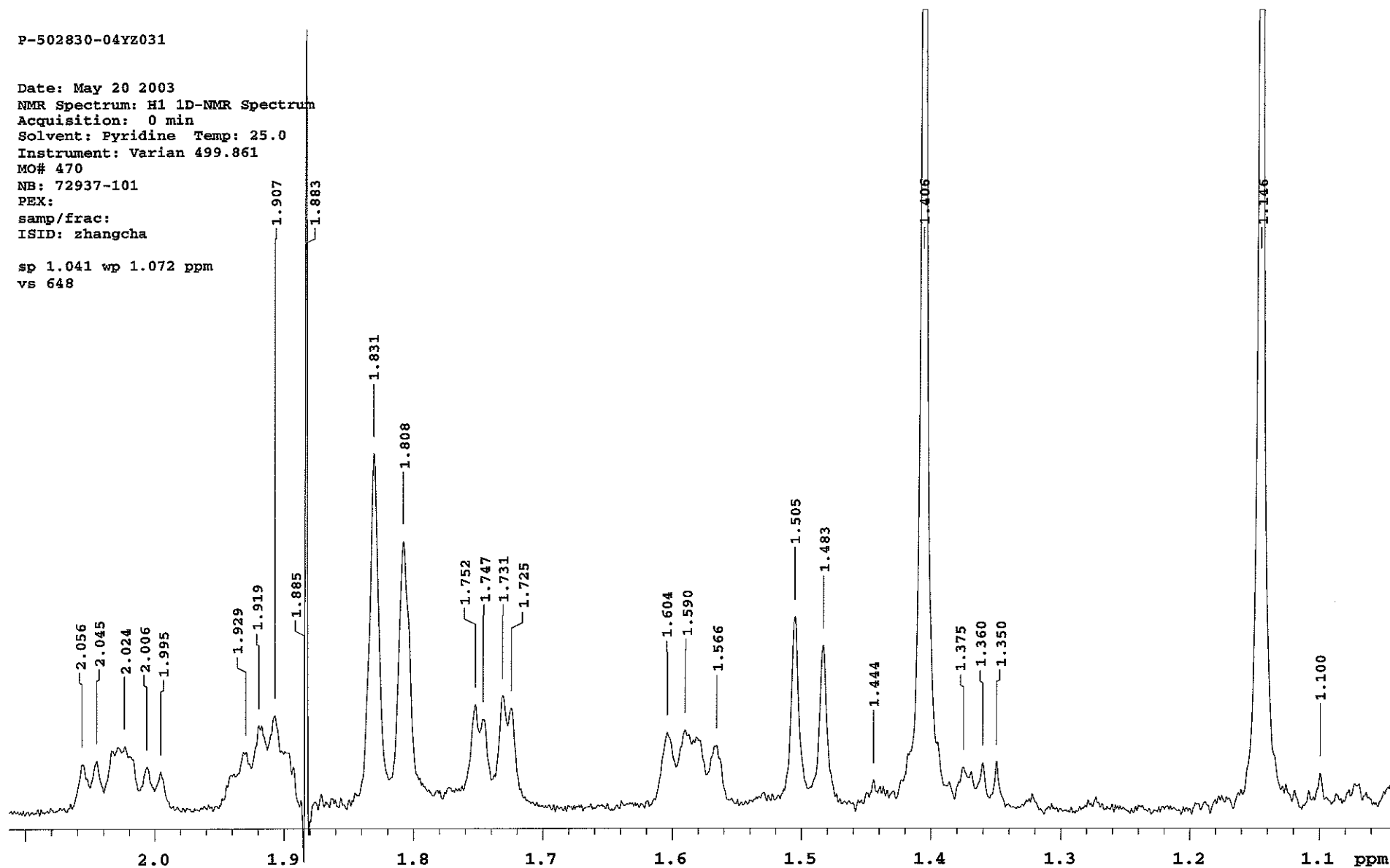
PEX:

samp/frac:

ISID: zhangcha

sp 1.041 wp 1.072 ppm

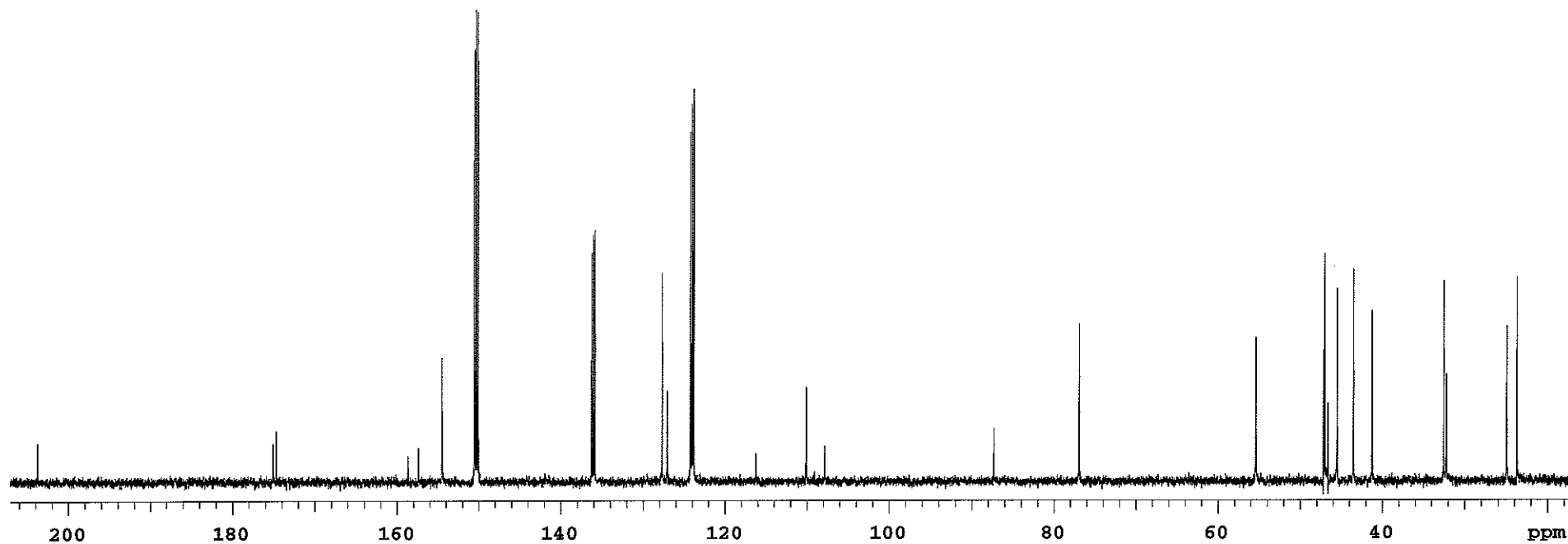
vs 648



P-502830-04YZ031

Date: May 20 2003
NMR Spectrum: C13 1D-NMR Spectrum
Acquisition: 28 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.860
MO# 471
NB: 72937-101
PEX:
samp/frac:
ISID: zhangcha

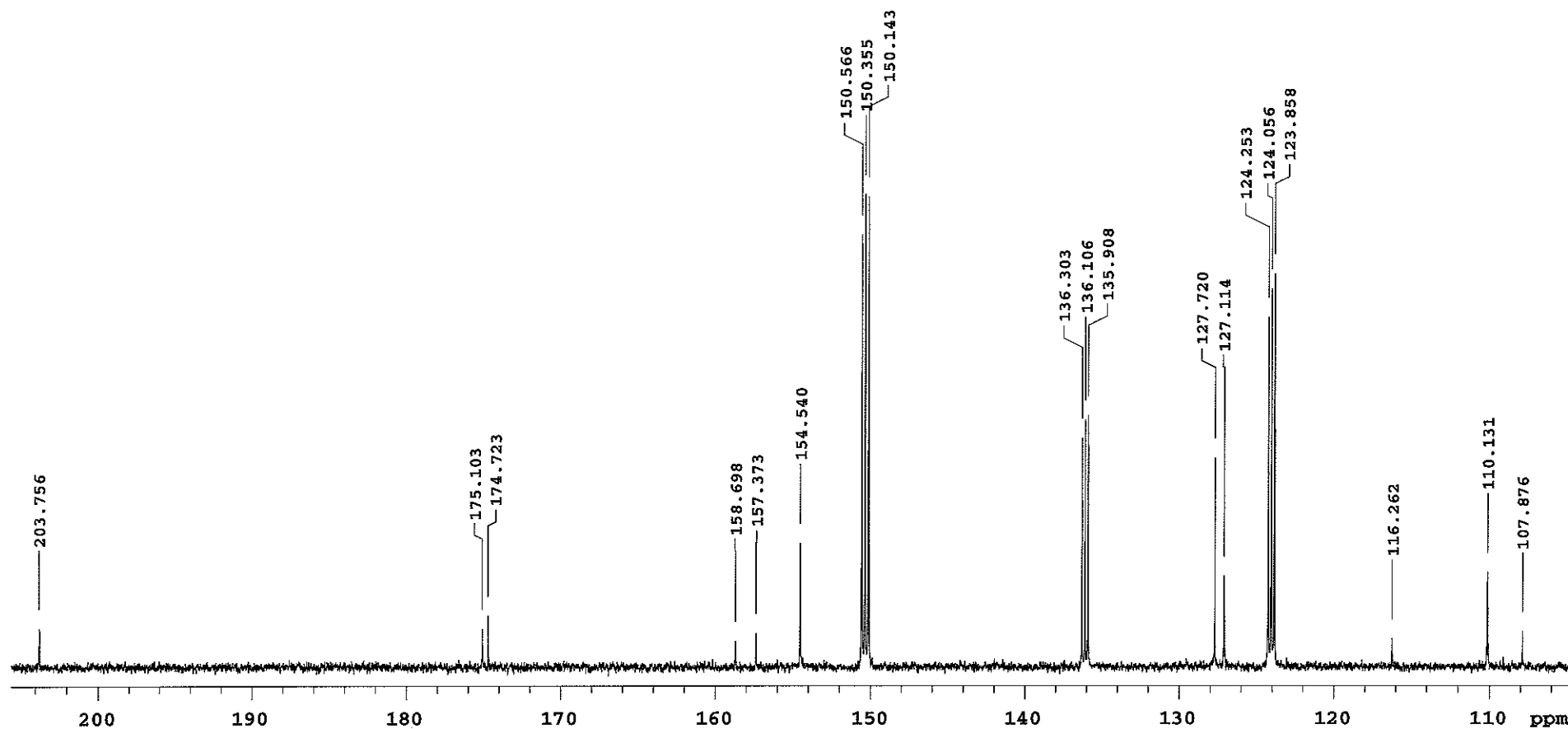
sp 16.732 wp 190.386 ppm
vs 120



P-502830-04YZ031

Date: May 20 2003
NMR Spectrum: C13 1D-NMR Spectrum
Acquisition: 28 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.860
MO# 471
NB: 72937-101
PEX:
samp/frac:
ISID: zhangcha

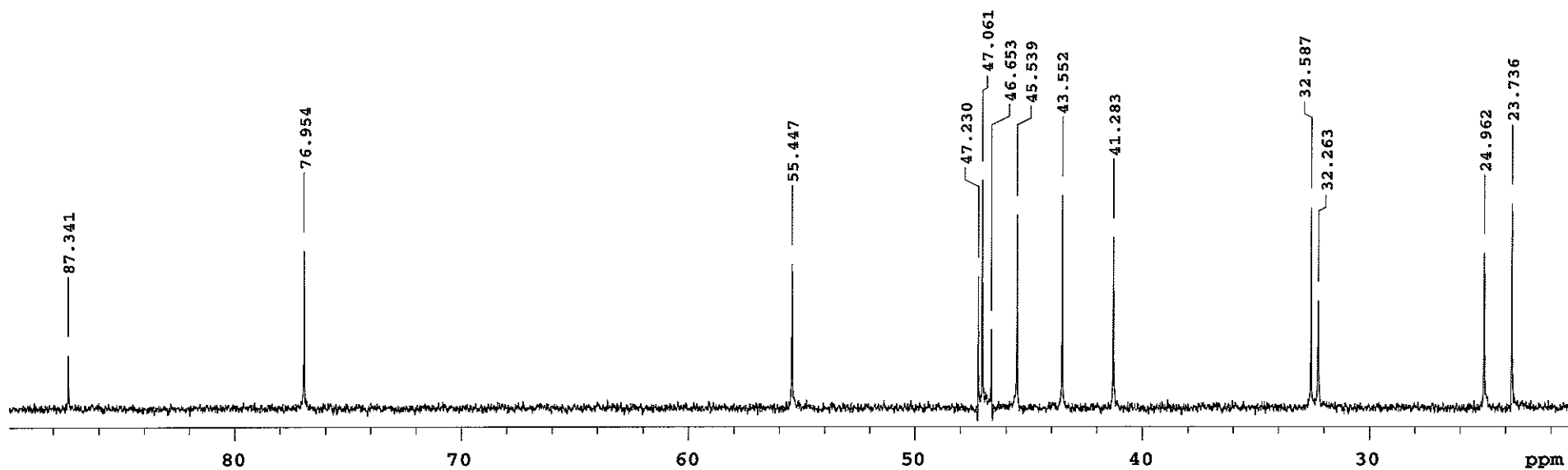
sp 104.343 wp 101.226 ppm
vs 120



P-502830-04Y2031

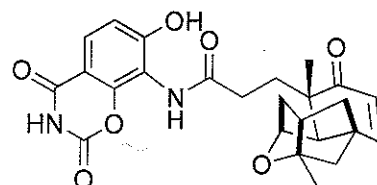
Date: May 20 2003
NMR Spectrum: C13 1D-NMR Spectrum
Acquisition: 28 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.860
MO# 471
NB: 72937-101
PEX:
samp/frac:
ISID: zhangcha

sp 21.087 wp 68.865 ppm
vs 120



NMR Spectra of Platensimycin B₂ (4)

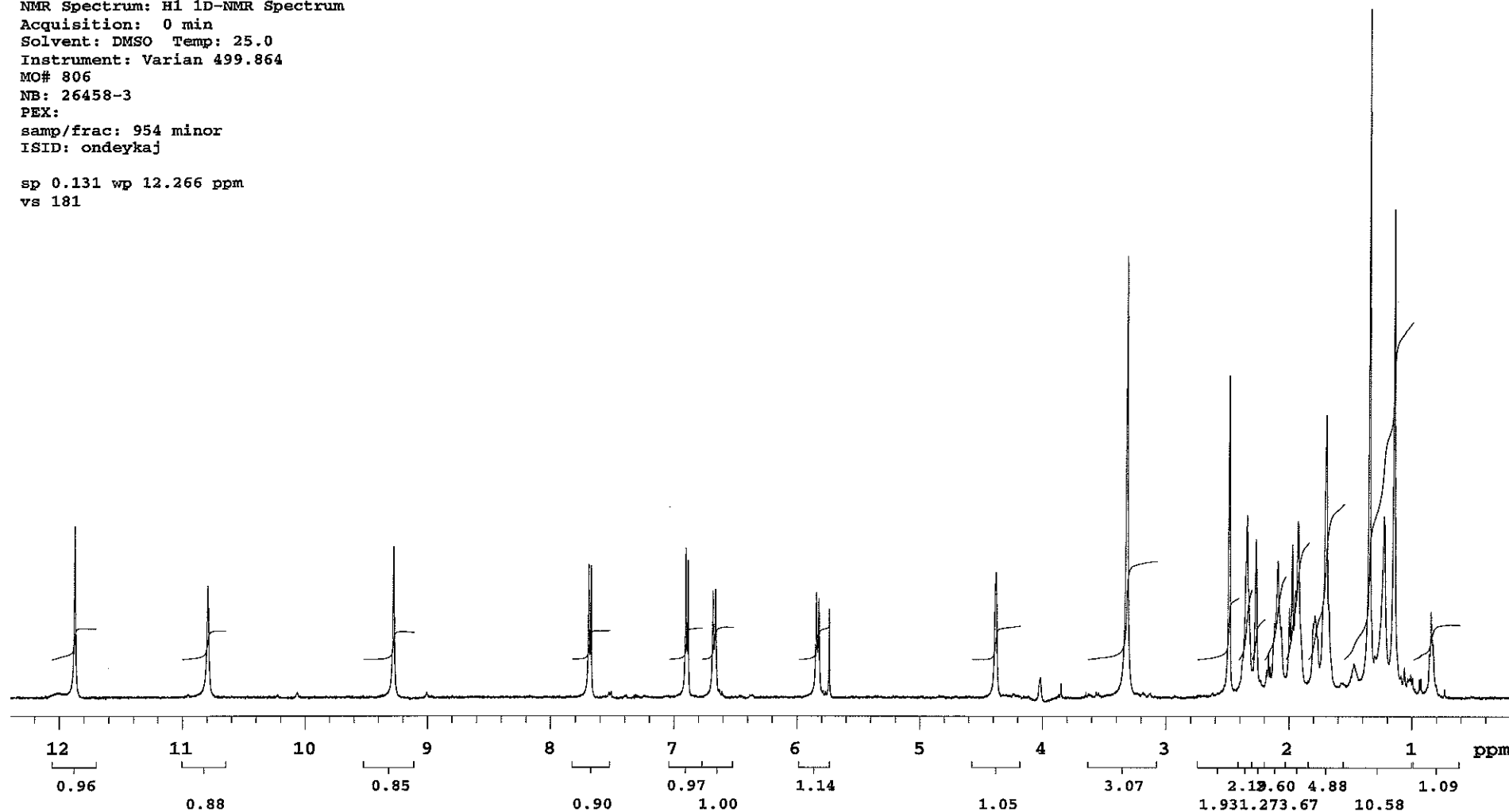
9.7 min peak minor of 953 in dmsc
conc?
from silica column 3
varian unity 500
17 apr 2003



4 (Platensimycin B₂)
L-001111089

Date: Apr 17 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: DMSO Temp: 25.0
Instrument: Varian 499.864
MO# 806
NB: 26458-3
PEX:
samp/frac: 954 minor
ISID: ondeykaj

sp 0.131 wp 12.266 ppm
vs 181

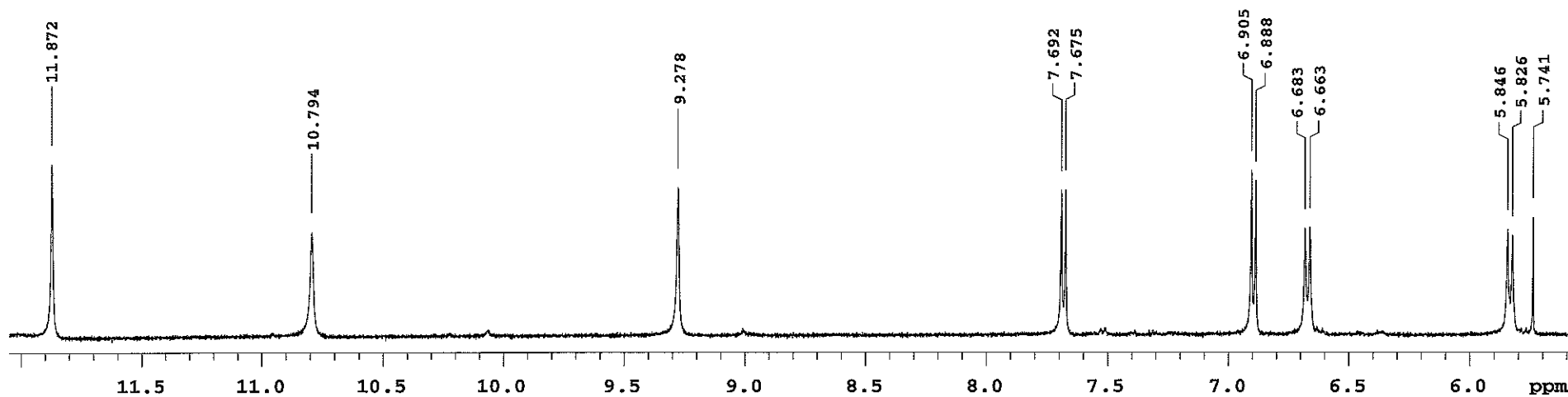


NMR Spectra of Platensimycin B2 (4)

9.7 min peak minor of 953 in dmsd
conc?
from silica column 3
varian unity 500
17 apr 2003

Date: Apr 17 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: DMSO Temp: 25.0
Instrument: Varian 499.864
MO# 806
NB: 26458-3
PEX:
samp/frac: 954 minor
ISID: ondeykaj

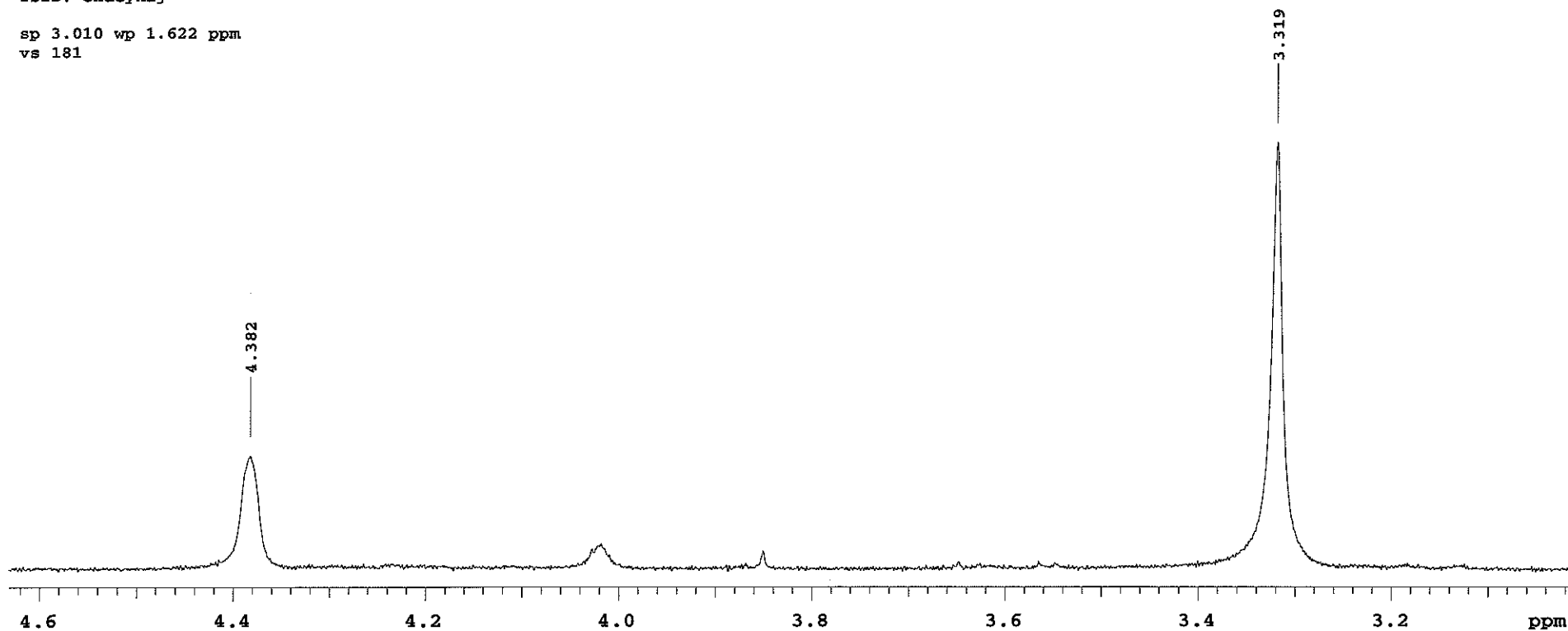
sp 5.560 wp 6.488 ppm
vs 181



9.7 min peak minor of 953 in dmsc
conc?
from silica column 3
varian unity 500
17 apr 2003

Date: Apr 17 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: DMSO Temp: 25.0
Instrument: Varian 499.864
MO# 806
NB: 26458-3
PEX:
samp/frac: 954 minor
ISID: ondeykaj

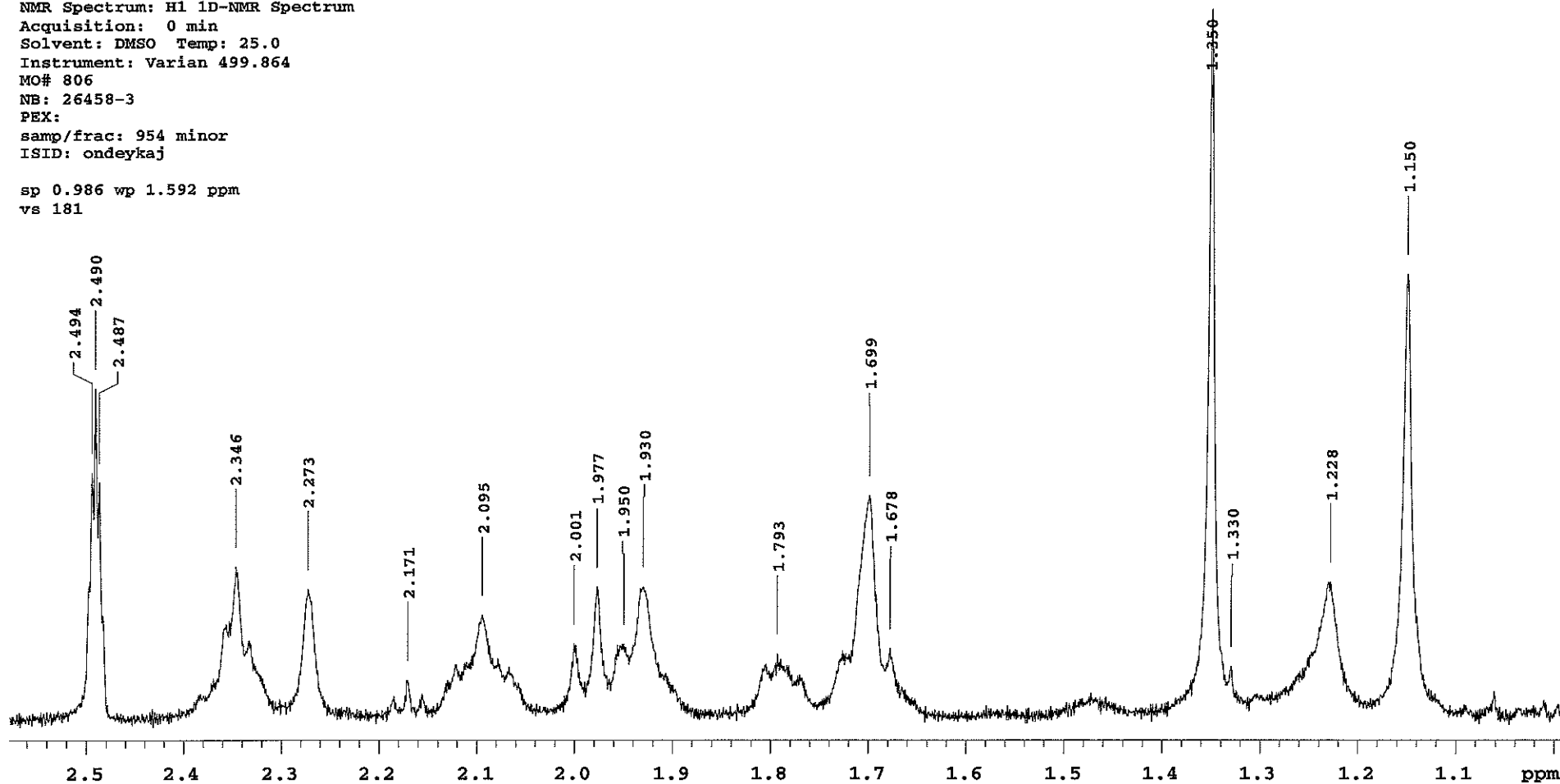
sp 3.010 wp 1.622 ppm
vs 181



9.7 min peak minor of 953 in dmsd
conc?
from silica column 3
varian unity 500
17 apr 2003

Date: Apr 17 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: DMSO Temp: 25.0
Instrument: Varian 499.864
MO# 806
NB: 26458-3
PEX:
samp/frac: 954 minor
ISID: ondeykaj

sp 0.986 wp 1.592 ppm
vs 181

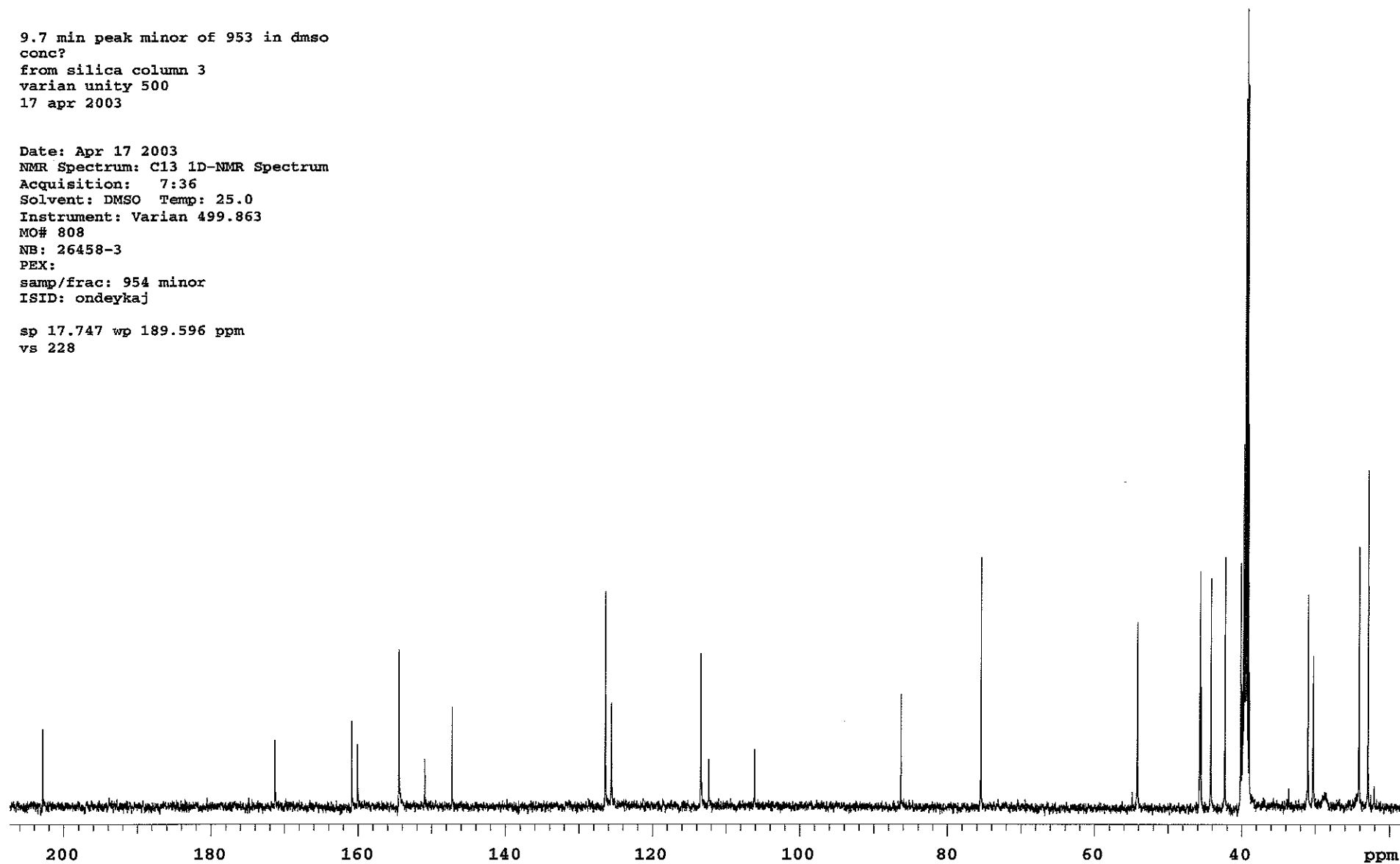


NMR Spectra of Platensimycin B2 (4)

9.7 min peak minor of 953 in dmsc
conc?
from silica column 3
varian unity 500
17 apr 2003

Date: Apr 17 2003
NMR Spectrum: C13 1D-NMR Spectrum
Acquisition: 7:36
Solvent: DMSO Temp: 25.0
Instrument: Varian 499.863
MO# 808
NB: 26458-3
PEX:
samp/frac: 954 minor
ISID: ondeykaj

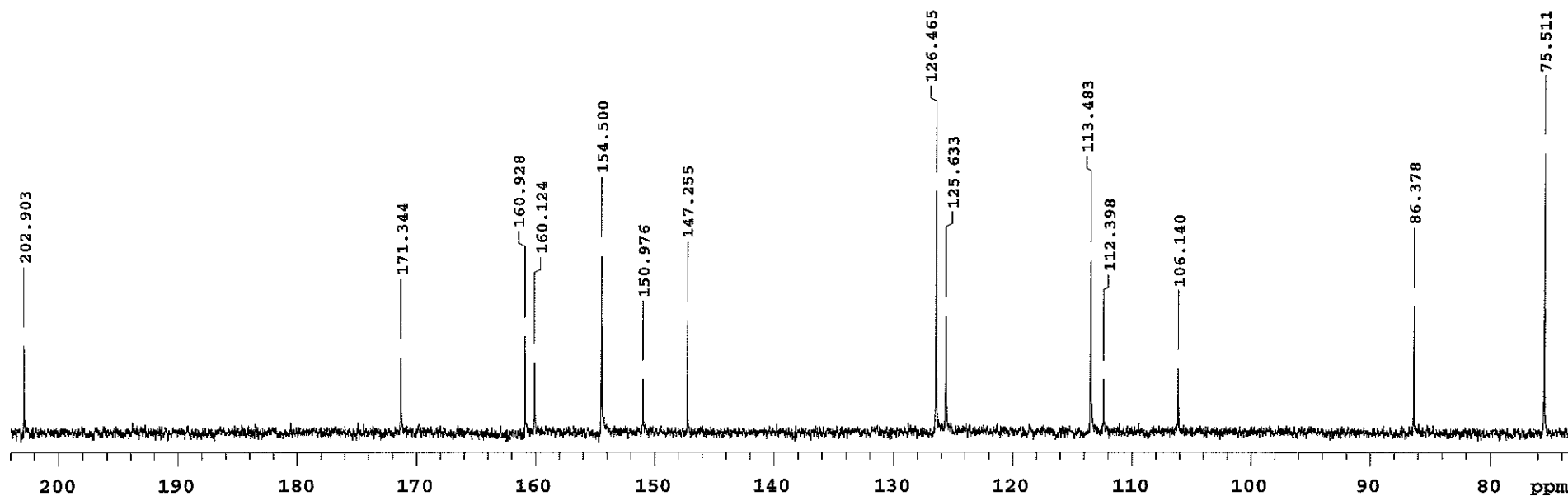
sp 17.747 wp 189.596 ppm
vs 228



9.7 min peak minor of 953 in dmsc
conc?
from silica column 3
varian unity 500
17 apr 2003

Date: Apr 17 2003
NMR Spectrum: C13 1D-NMR Spectrum
Acquisition: 7:36
Solvent: DMSO Temp: 25.0
Instrument: Varian 499.863
MO# 808
NB: 26458-3
PEX:
samp/frac: 954 minor
ISID: ondeykaj

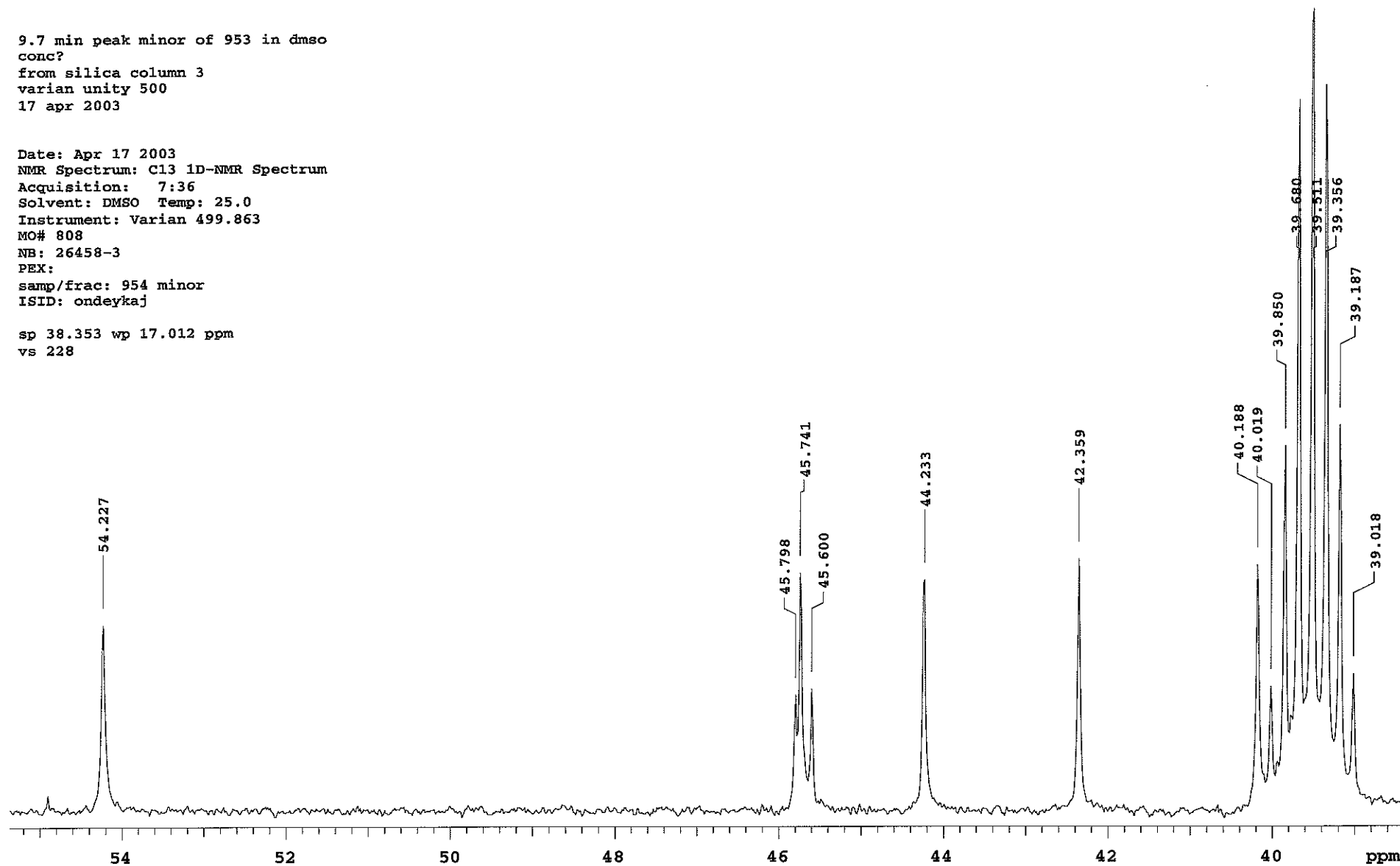
sp 72.715 wp 131.274 ppm
vs 228



9.7 min peak minor of 953 in dmsc
conc?
from silica column 3
varian unity 500
17 apr 2003

Date: Apr 17 2003
NMR Spectrum: C13 1D-NMR Spectrum
Acquisition: 7:36
Solvent: DMSO Temp: 25.0
Instrument: Varian 499.863
MO# 808
NB: 26458-3
PEX:
samp/frac: 954 minor
ISID: ondeykaj

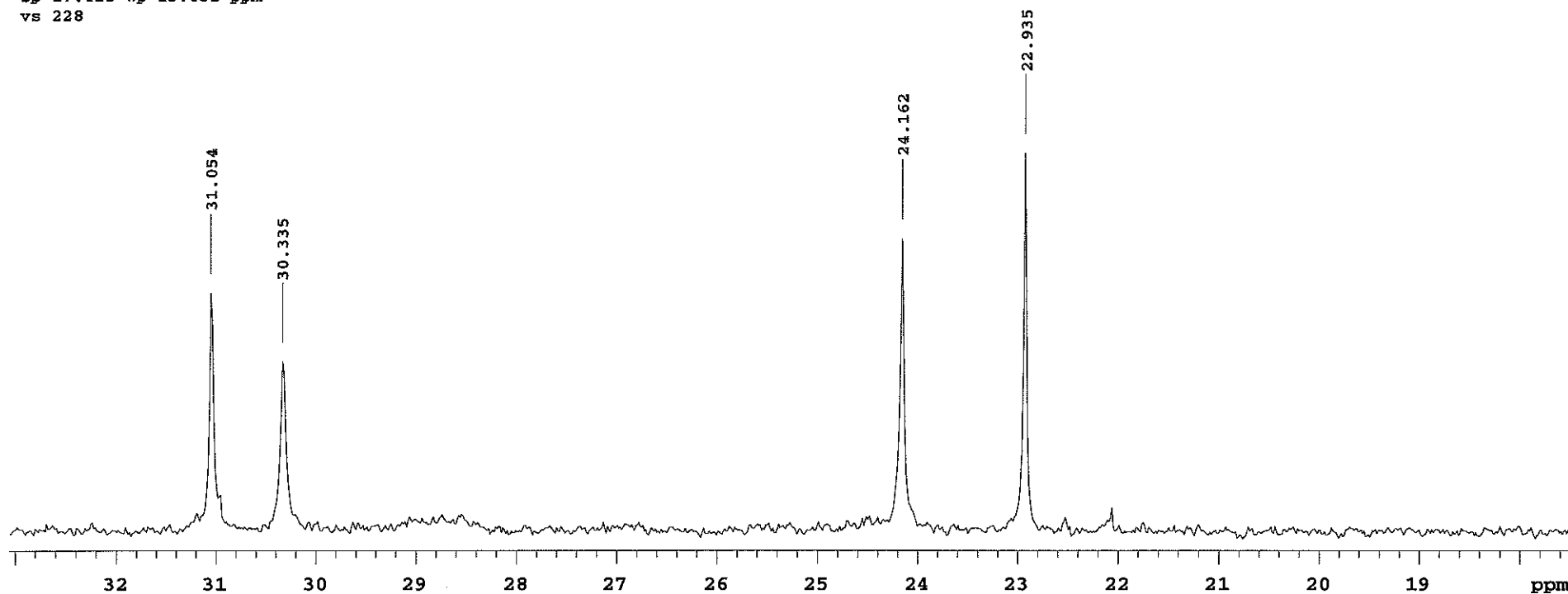
sp 38.353 wp 17.012 ppm
vs 228



9.7 min peak minor of 953 in dmsc
conc?
from silica column 3
varian unity 500
17 apr 2003

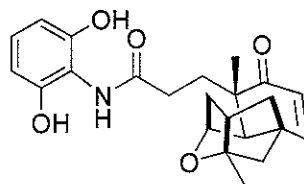
Date: Apr 17 2003
NMR Spectrum: C13 1D-NMR Spectrum
Acquisition: 7:36
Solvent: DMSO Temp: 25.0
Instrument: Varian 499.863
MO# 808
NB: 26458-3
PEX:
samp/frac: 954 minor
ISID: ondeykaj

sp 17.423 wp 15.631 ppm
vs 228

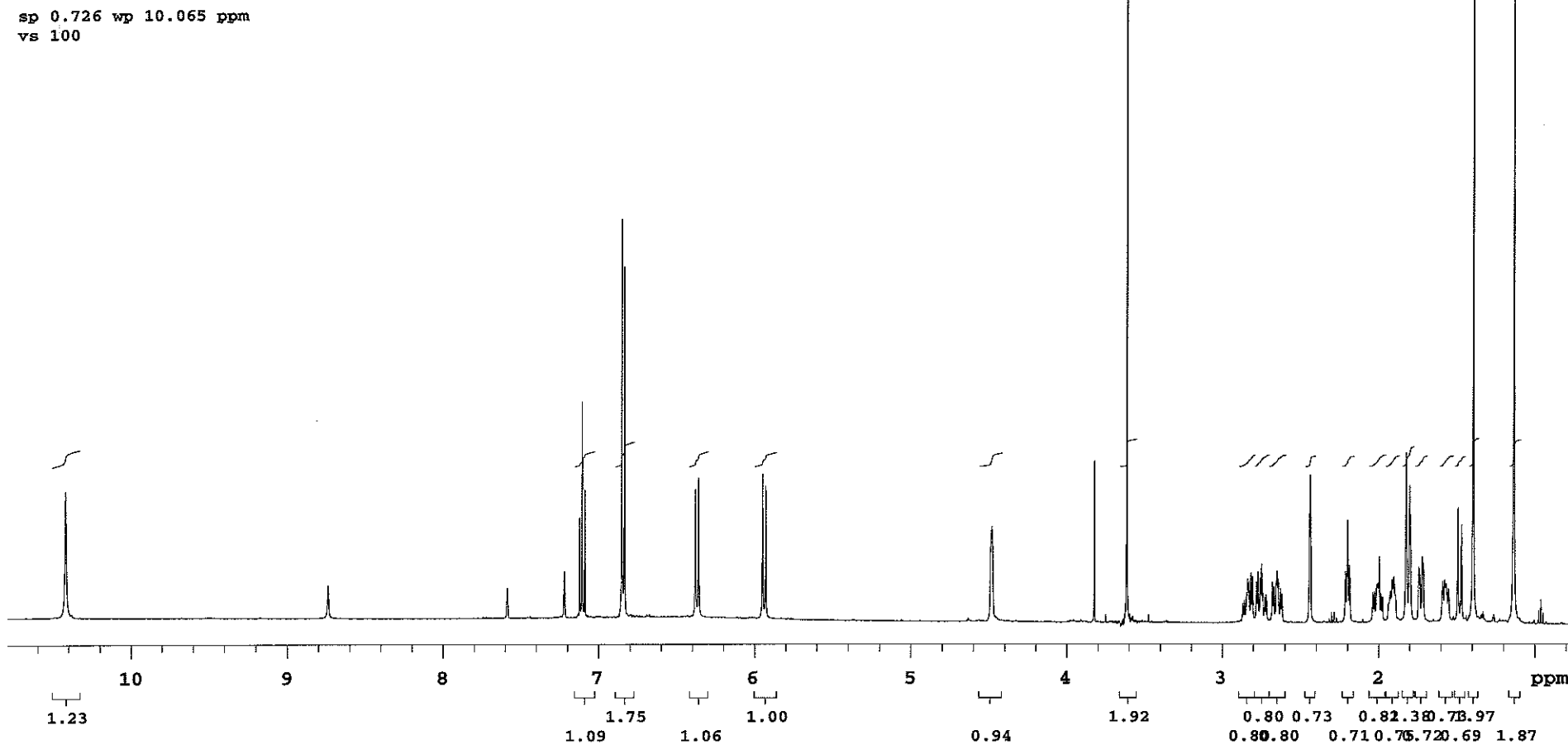


P-502830-04YZ033

Date: May 28 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.423
MO# 519
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha



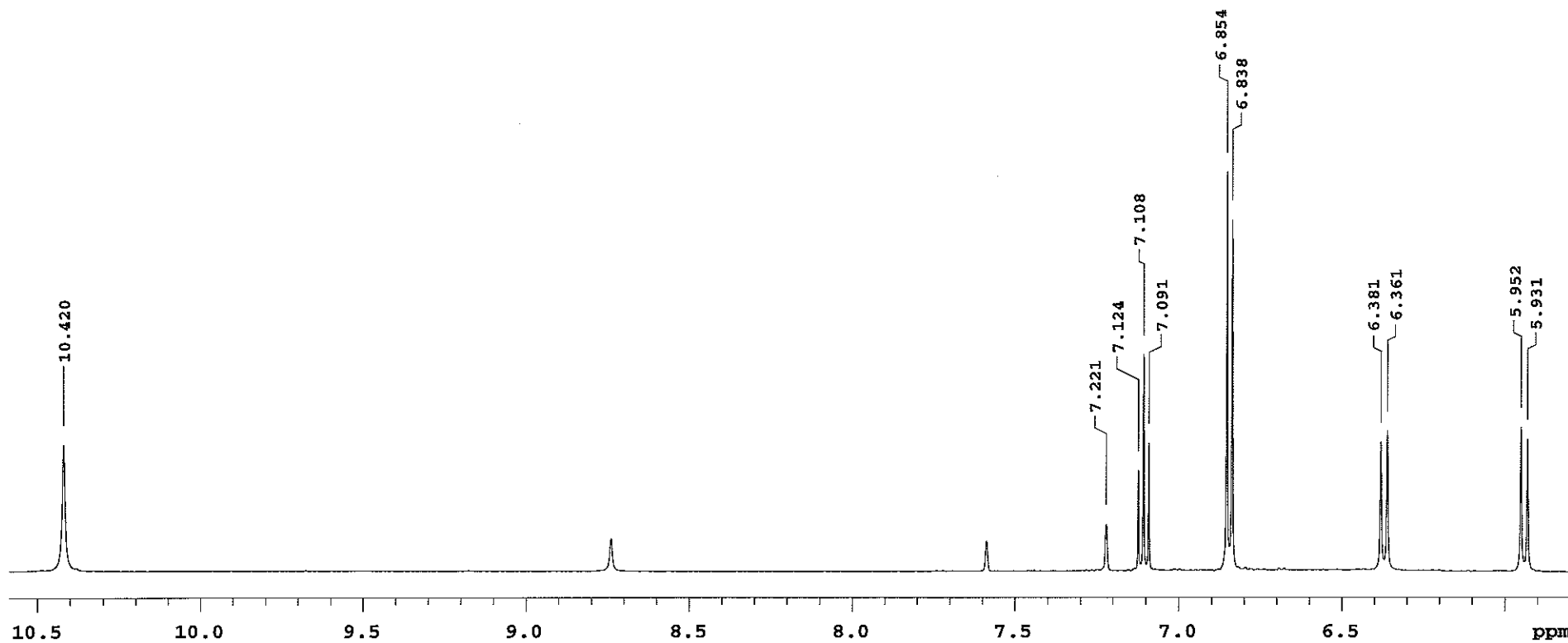
5 (Platensimycin B₃)
L-001133661



P-502830-04YZ033

Date: May 28 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.423
MO# 519
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha

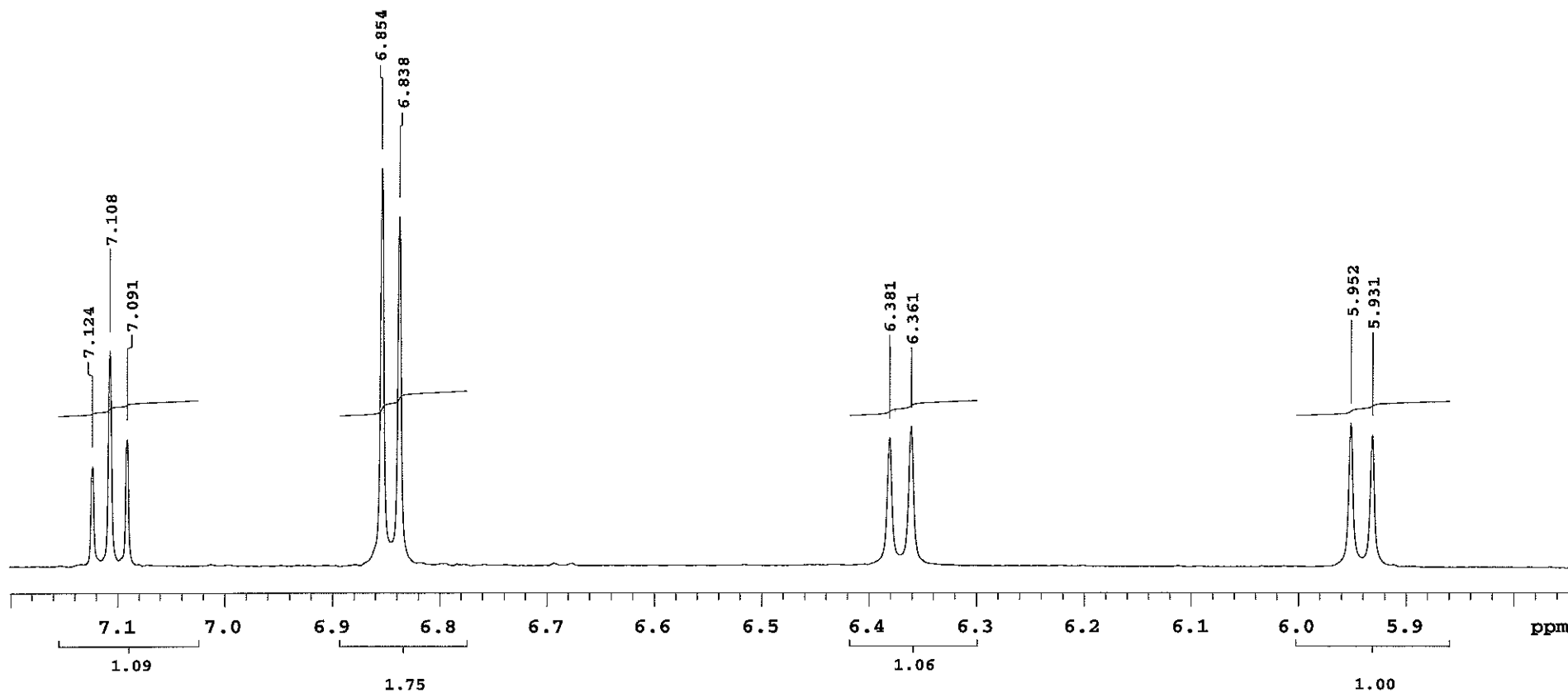
sp 5.772 wp 4.814 ppm
vs 100



P-502830-04YZ033

Date: May 28 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.423
MO# 519
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha

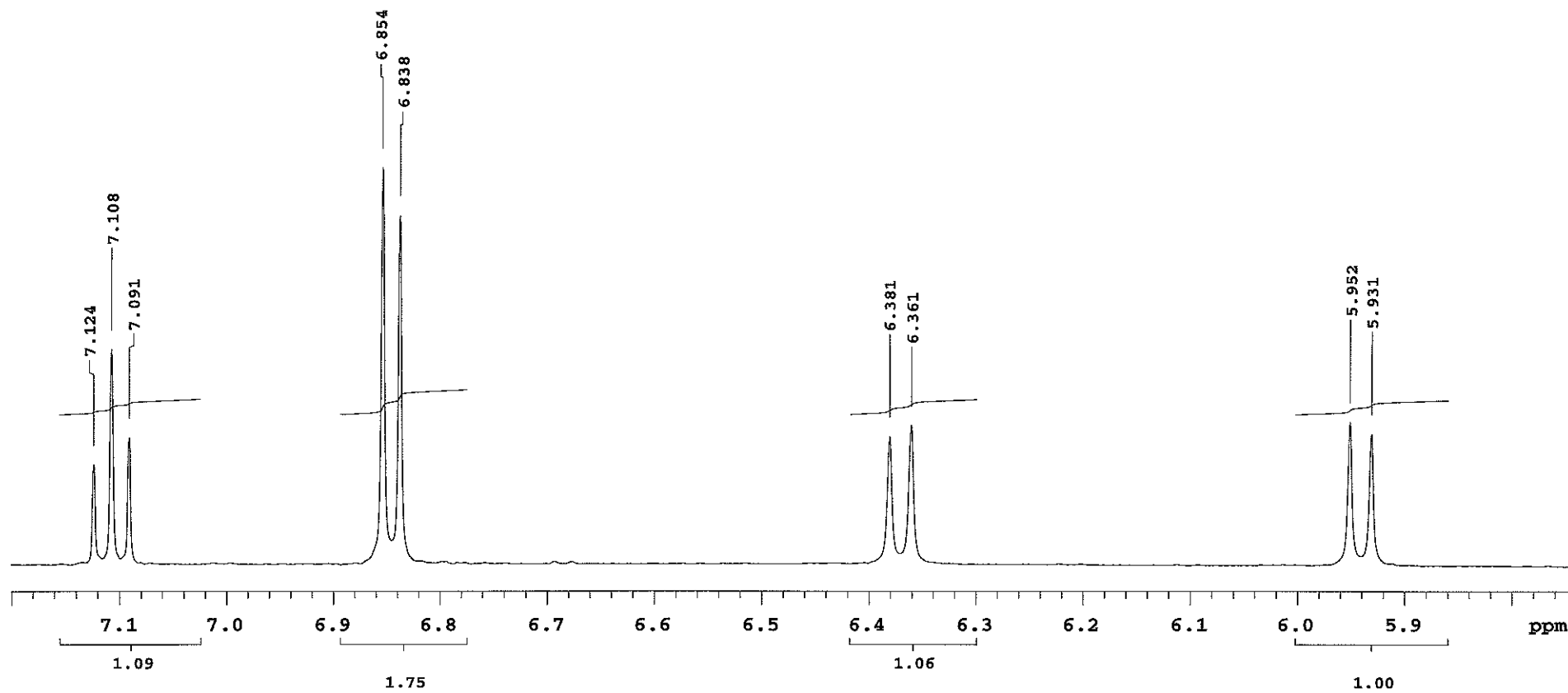
sp 5.741 wp 1.461 ppm
vs 100



P-502830-04YZ033

Date: May 28 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.423
MO# 519
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha

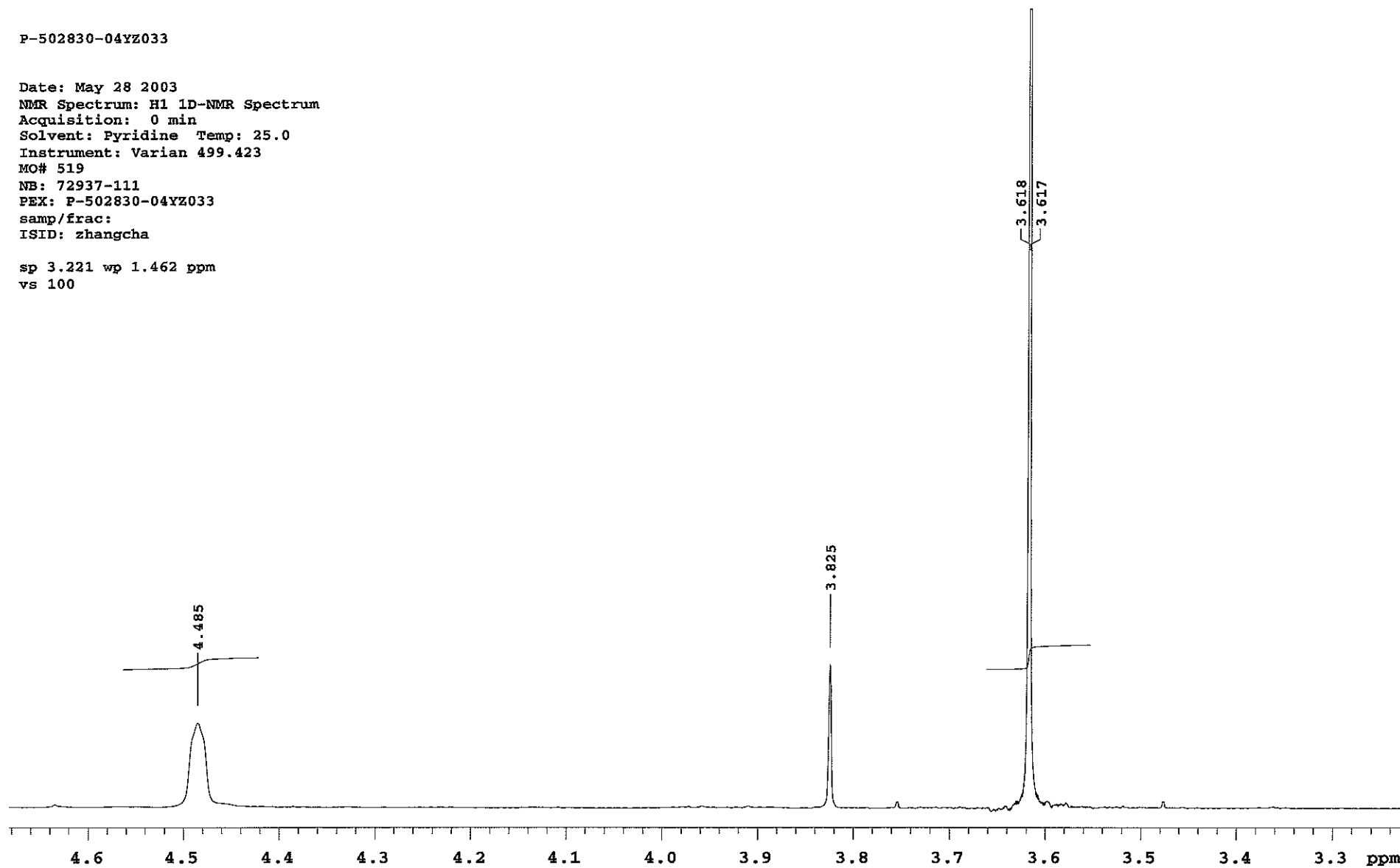
sp 5.741 wp 1.461 ppm
vs 100



P-502830-04YZ033

Date: May 28 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.423
MO# 519
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha

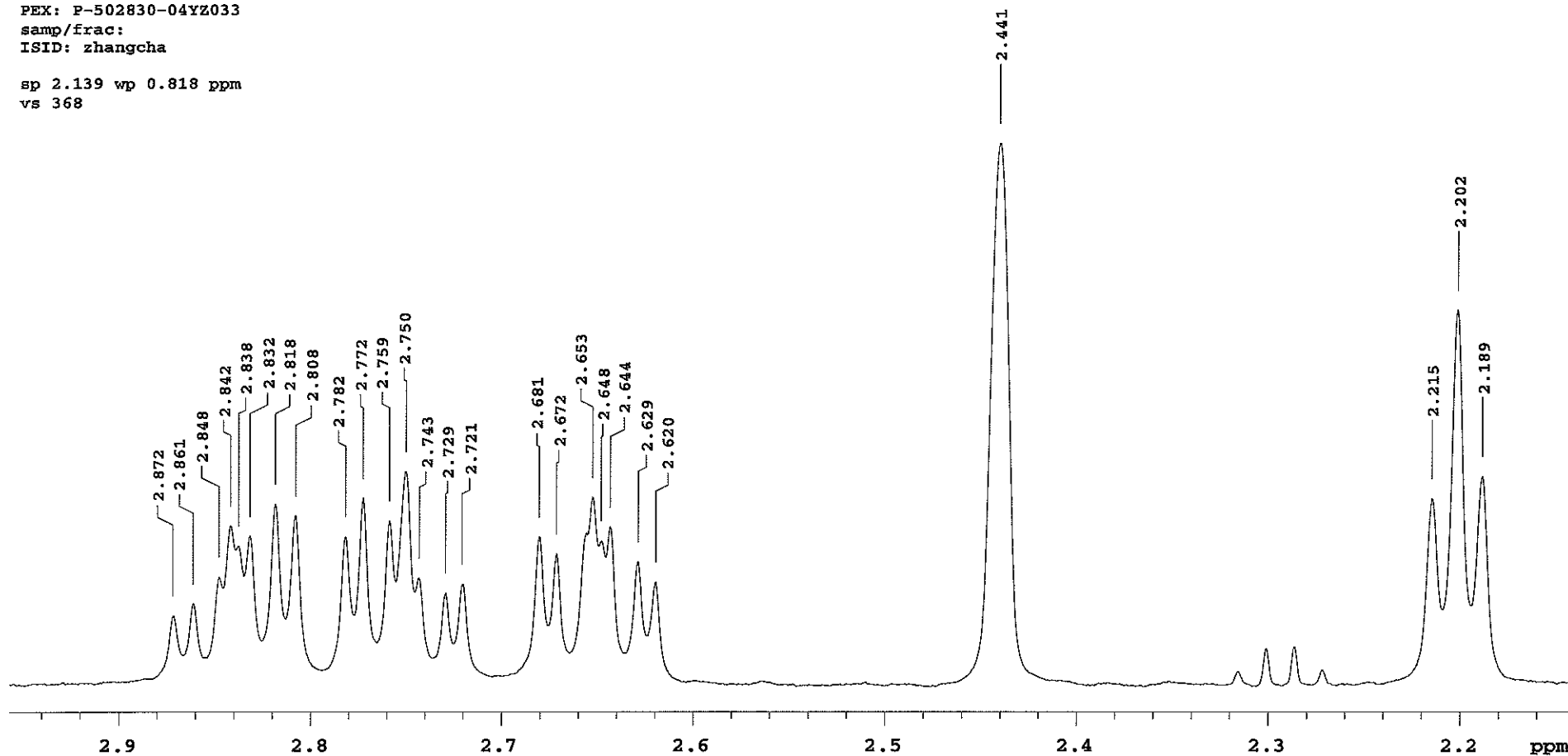
sp 3.221 wp 1.462 ppm
vs 100



P-502830-04YZ033

Date: May 28 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.423
MO# 519
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha

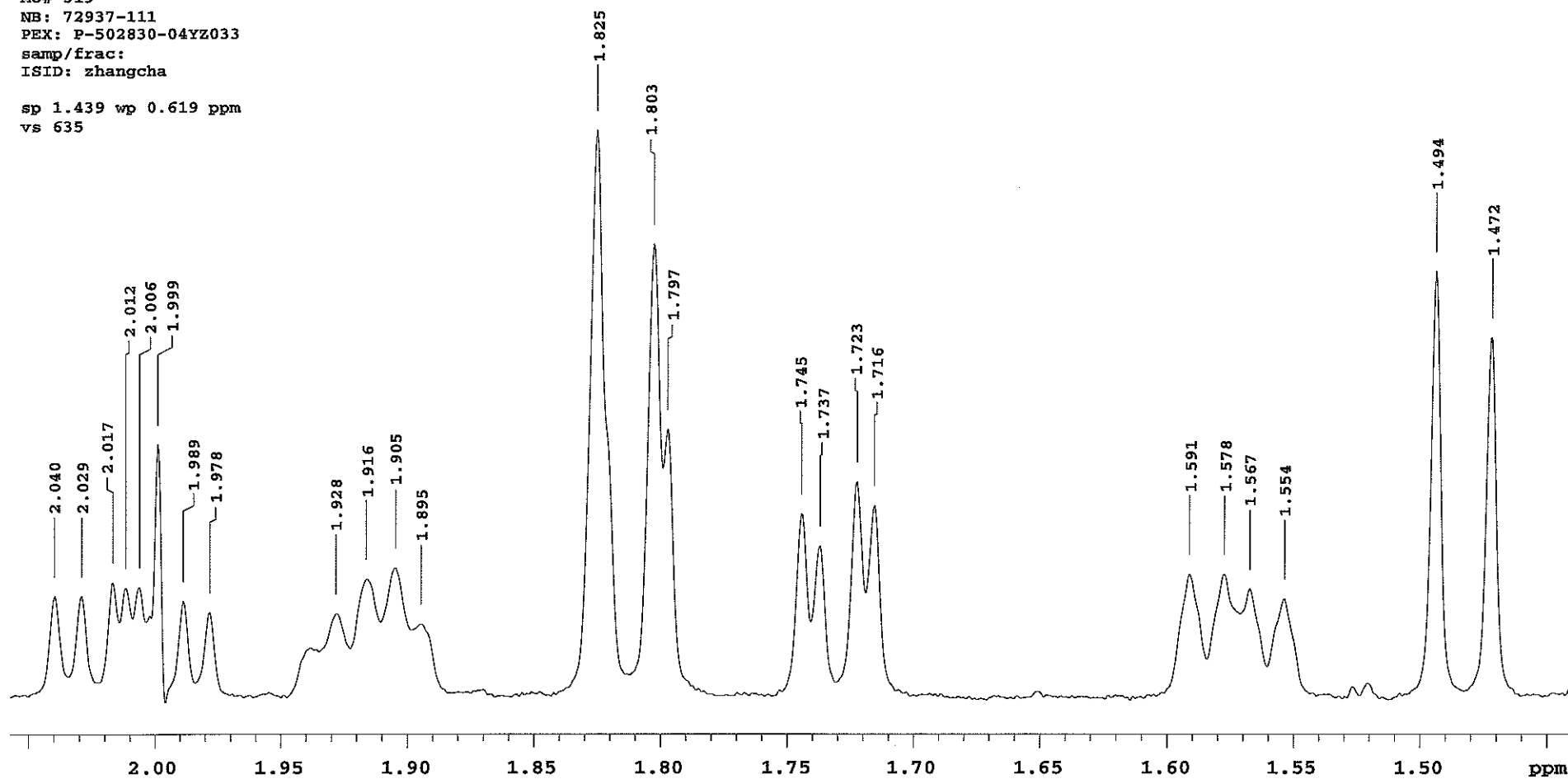
sp 2.139 wp 0.818 ppm
vs 368



P-502830-04YZ033

Date: May 28 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.423
MO# 519
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha

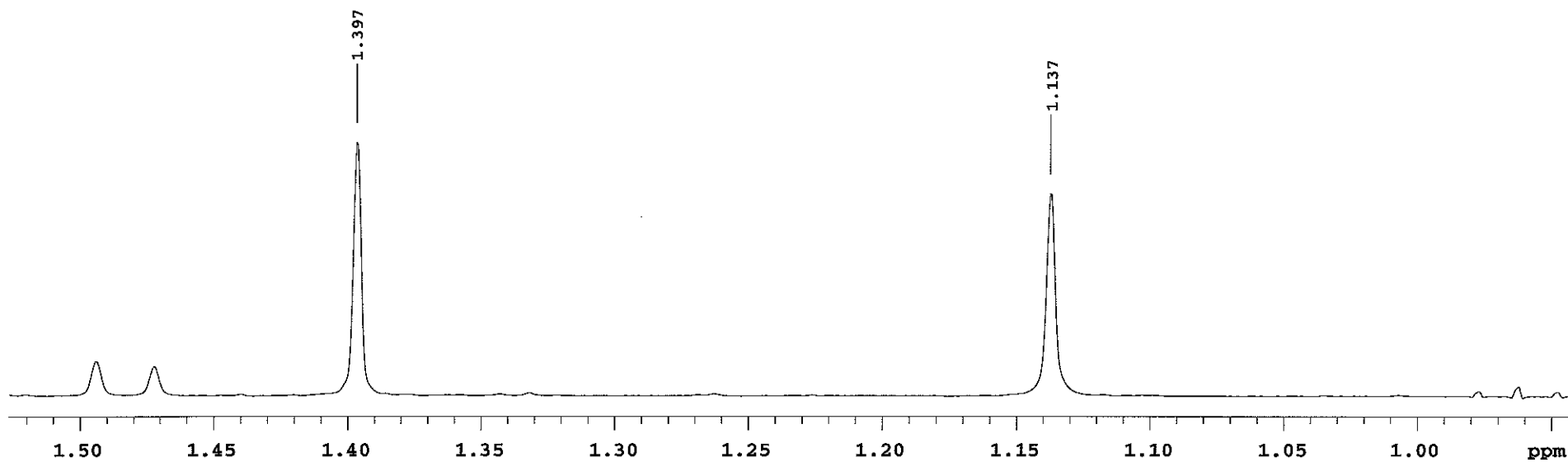
sp 1.439 wp 0.619 ppm
vs 635



P-502830-04YZ033

Date: May 28 2003
NMR Spectrum: H1 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.423
MO# 519
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha

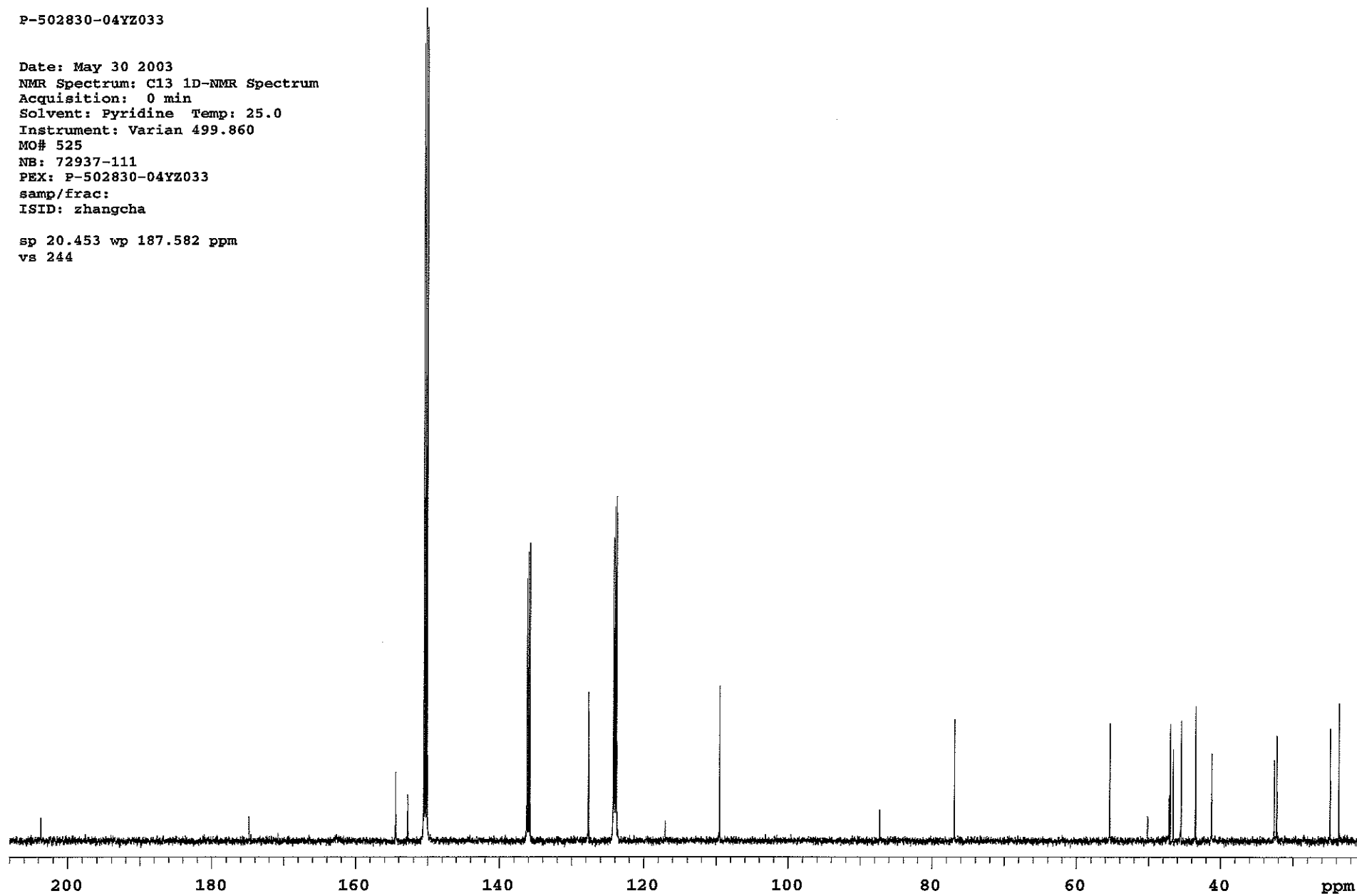
sp 0.942 wp 0.585 ppm
vs 51



P-502830-04YZ033

Date: May 30 2003
NMR Spectrum: C13 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.860
MO# 525
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha

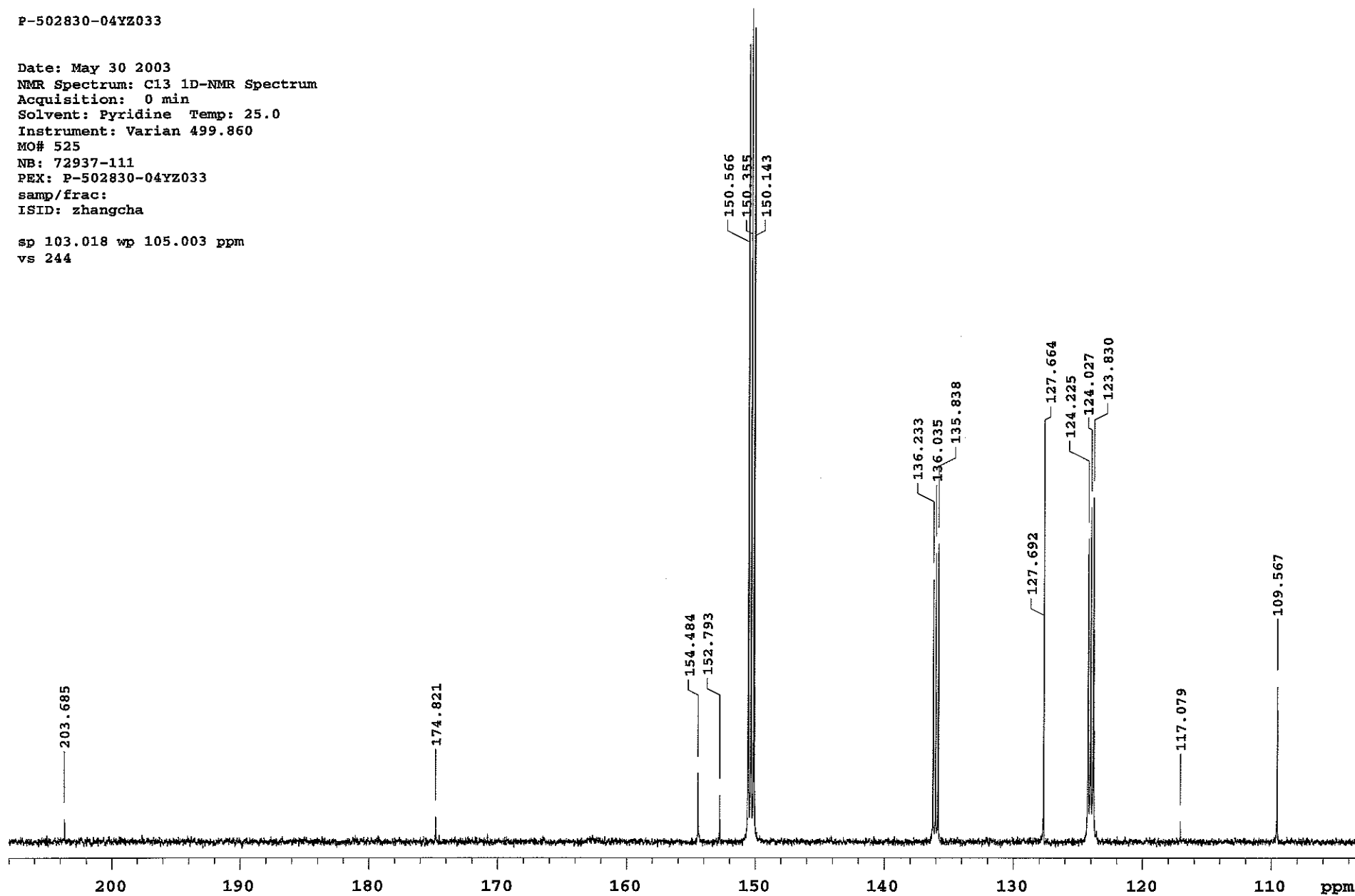
sp 20.453 wp 187.582 ppm
vs 244



P-502830-04YZ033

Date: May 30 2003
NMR Spectrum: C13 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.860
MO# 525
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha

sp 103.018 wp 105.003 ppm
vs 244



P-502830-04YZ033

Date: May 30 2003
NMR Spectrum: C13 1D-NMR Spectrum
Acquisition: 0 min
Solvent: Pyridine Temp: 25.0
Instrument: Varian 499.860
MO# 525
NB: 72937-111
PEX: P-502830-04YZ033
samp/frac:
ISID: zhangcha

sp 22.624 wp 66.060 ppm
vs 244

