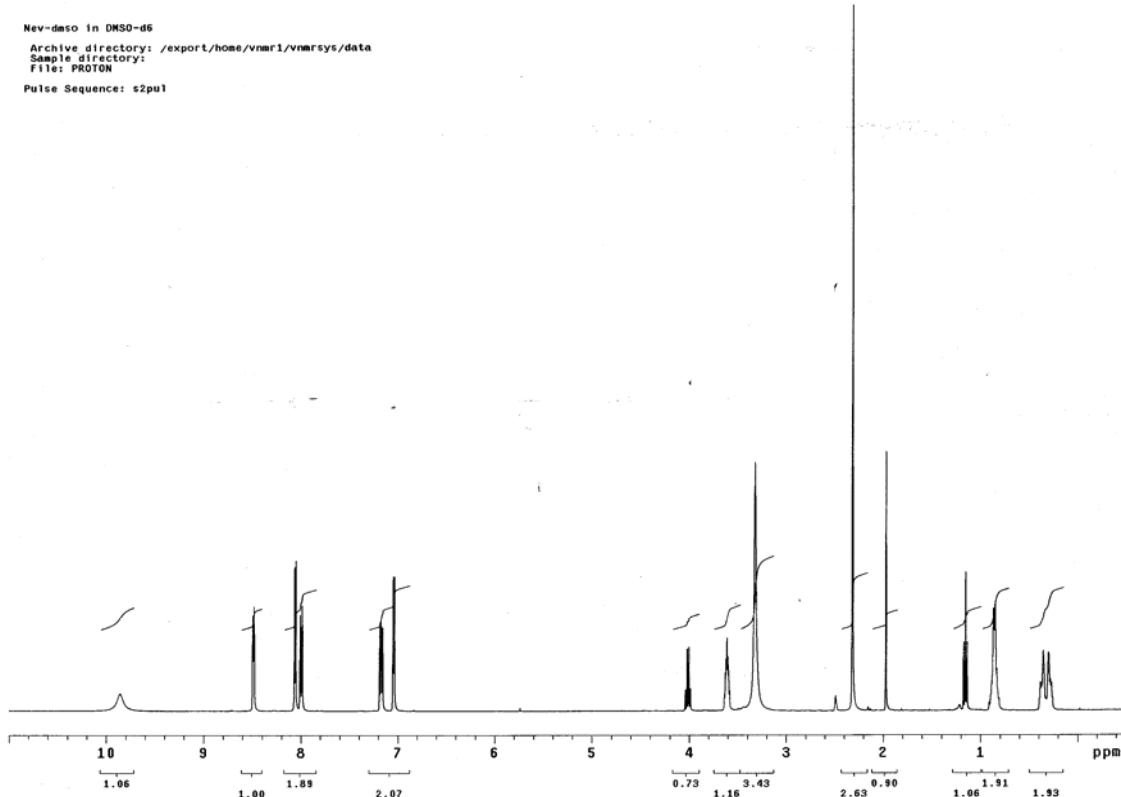
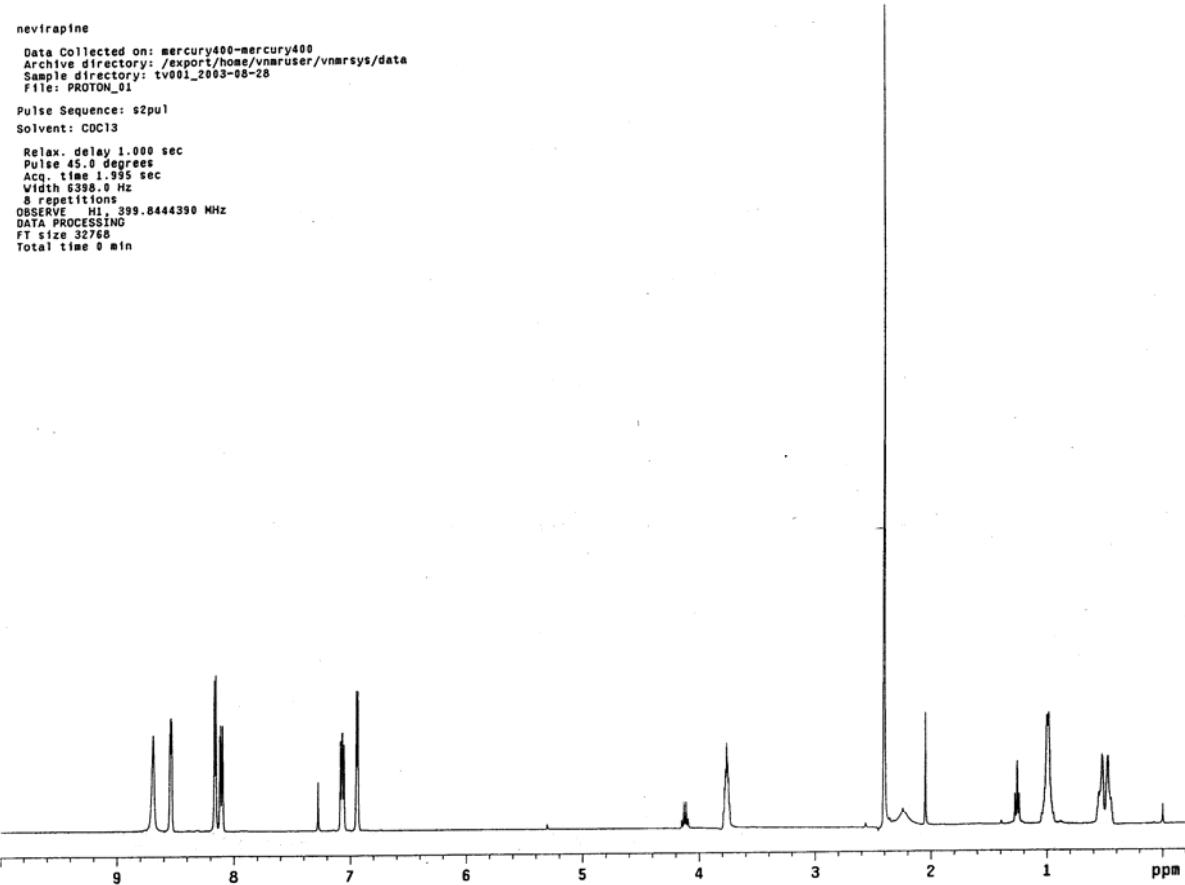


Appendix B

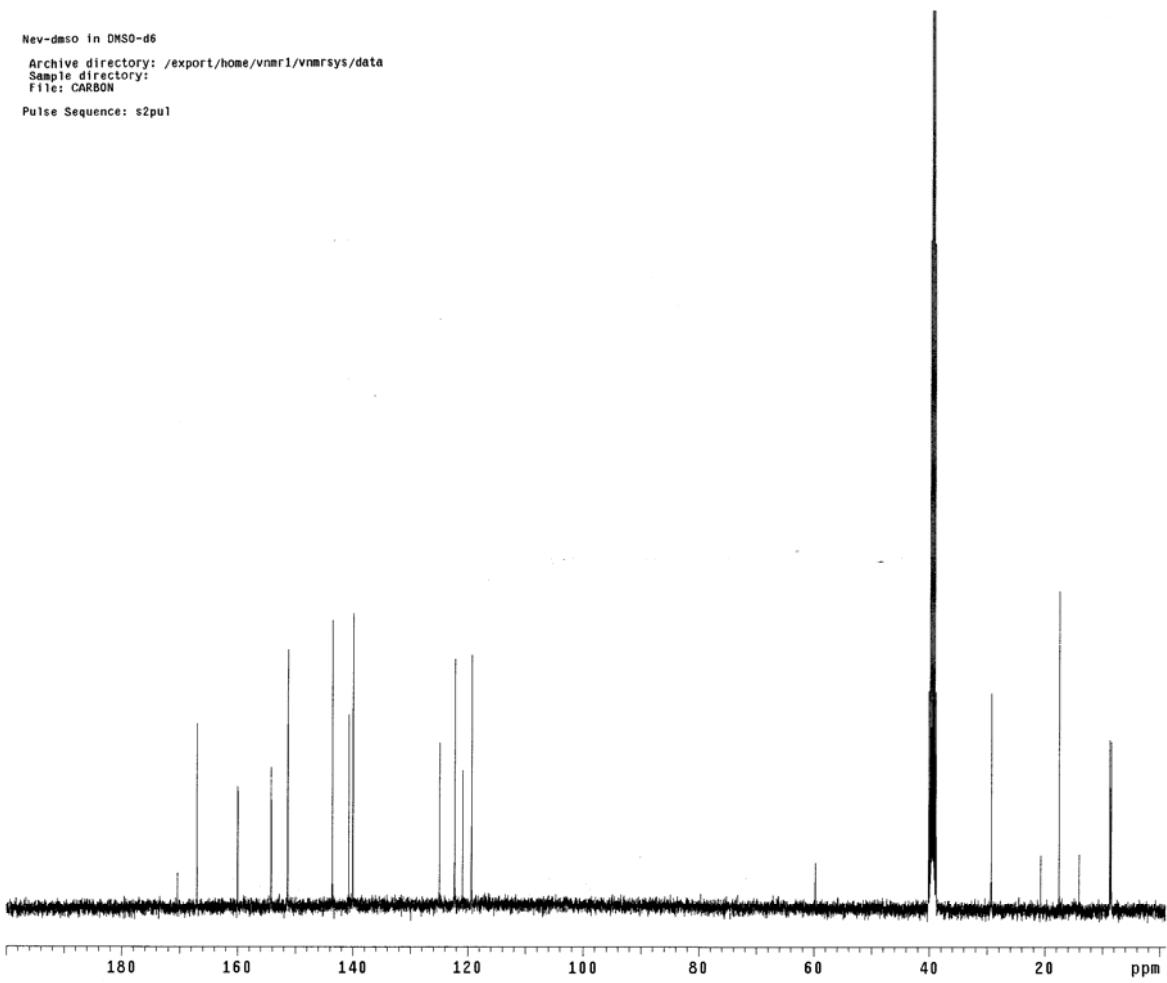
Experimental NMR chemical shifts and IR spectra



Appendix Figure 5 ^1H chemical shift spectrum of nevirapine in DMSO- d_6



Appendix Figure 6 ¹H chemical shift spectrum of nevirapine in CDCl₃



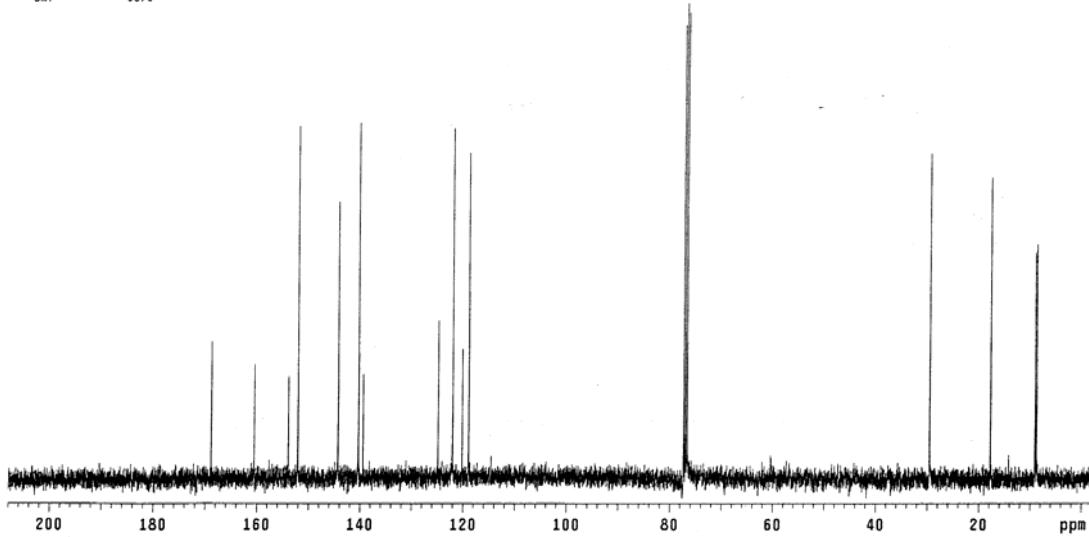
Appendix Figure 7 ¹³C chemical shift spectrum of nevirapine in DMSO-*d*6

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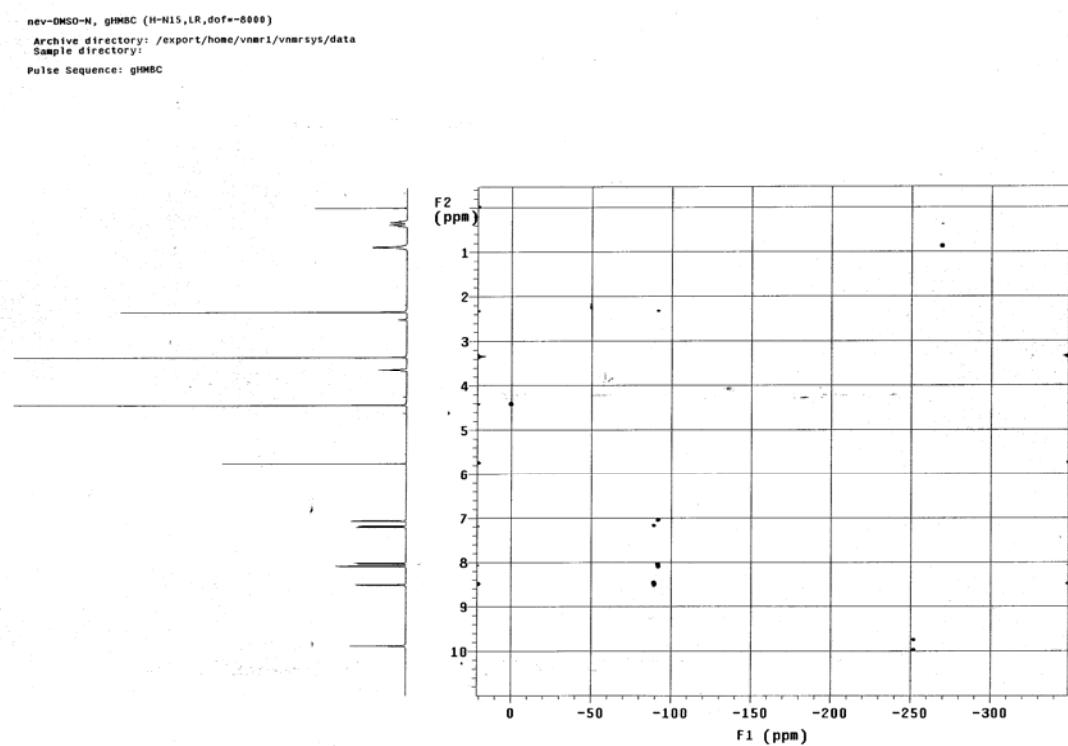
nevirapine
exp4 CARBON

SAMPLE          SPECIAL
date   Aug 28 2003 temp    not used
solvent   CDCl3  gain     not used
file:/export/home/- spin    not used
vnmruser/vnmrsys/d- hst      0.005
ats/tv002_2003-08-- pw90     24.250
28/CARBON_01.fid alfa    29.000
ACQUISITION   FLAGS
sw       25125.6 11    n
at        1.193  in    n
np       60270  dp    y
fb      13800  hs    nn
bs        64    PROCESSING
d1      1.000  1b    1.00
d1      2000  fn    not used
nt       1024  DISPLAY
ct      12.125 1p    -329.7
TRANSMITTER   PLOT
tn       C13  wp    21113.0
sfrq    100.552 rfp   1503.3
tof      1574.2 rfp   0
tpwr    60   rp    134.8
pw      12.125 1p    -329.7
DECOUPLER    PLOT
dn       H1  wc    250
dof      0   sc    0
dm      VVY vs    205
dmm     V th    11
dpwr    38   a1 no ph
dmt    9376

```

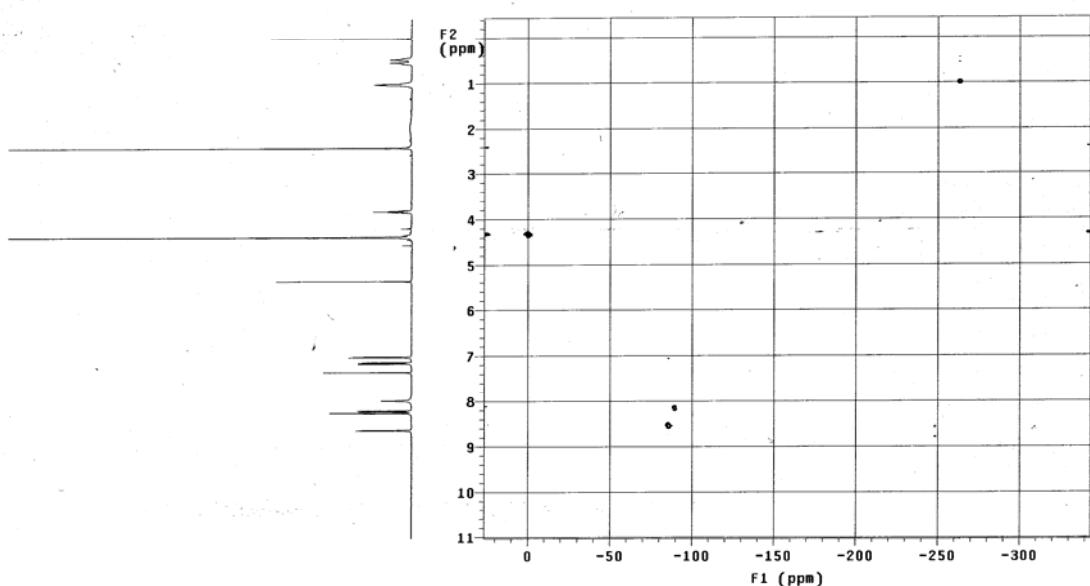


Appendix Figure 8 ¹³C chemical shift spectrum of nevirapine in CDCl₃

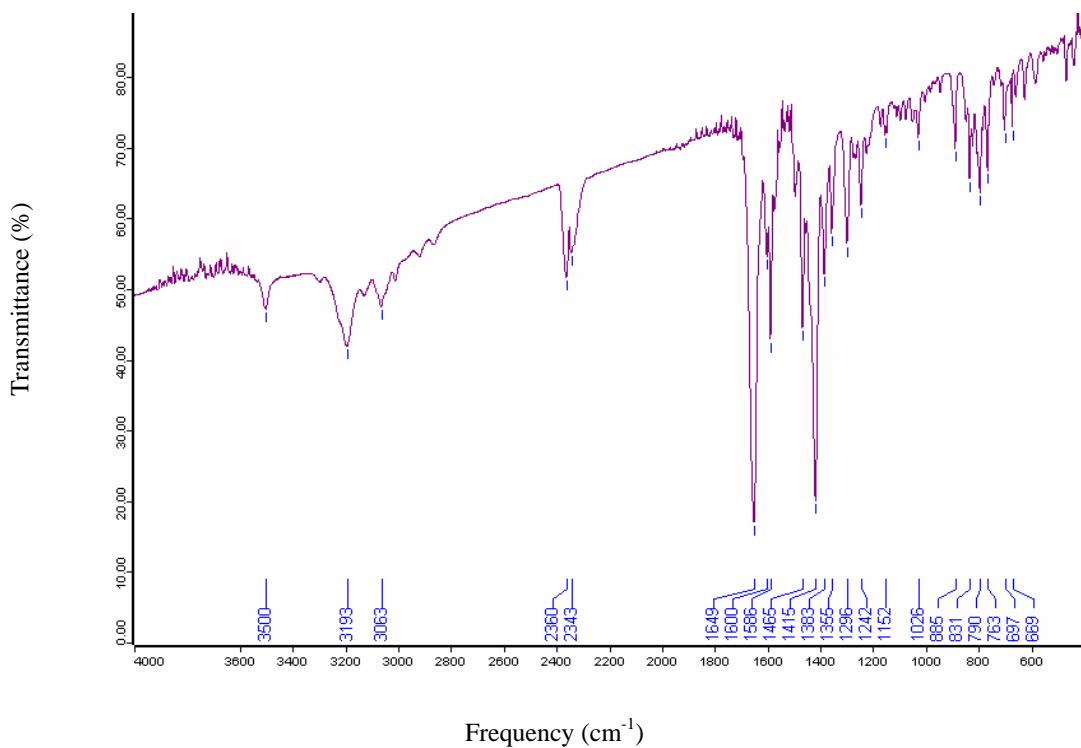


Appendix Figure 9 ^{15}N gHMBC spectrum of nevirapine in DMSO-*d*6

N-CDCl₃-Nev, gHMBC (H-H15,LR,dof=-8000, sw1=15000)
Archive directory: /export/home/vnmri/vnmrsys/data
Sample directory:
File: PROTON
Pulse Sequence: gHMBC



Appendix Figure 10 ¹⁵N gHMBC spectrum of nevirapine in CDCl₃



Appendix Figure 11 Experimental IR spectrum of solid nevirapine in KBr