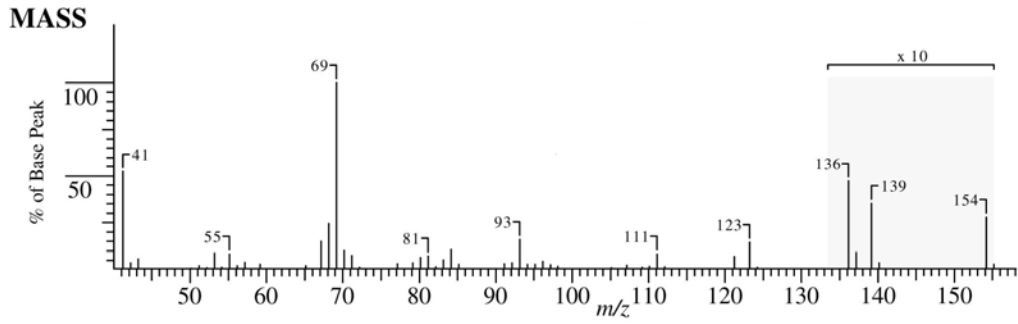
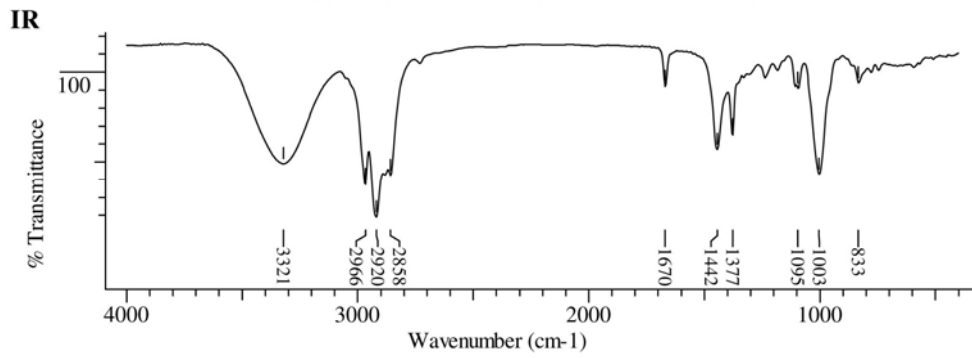


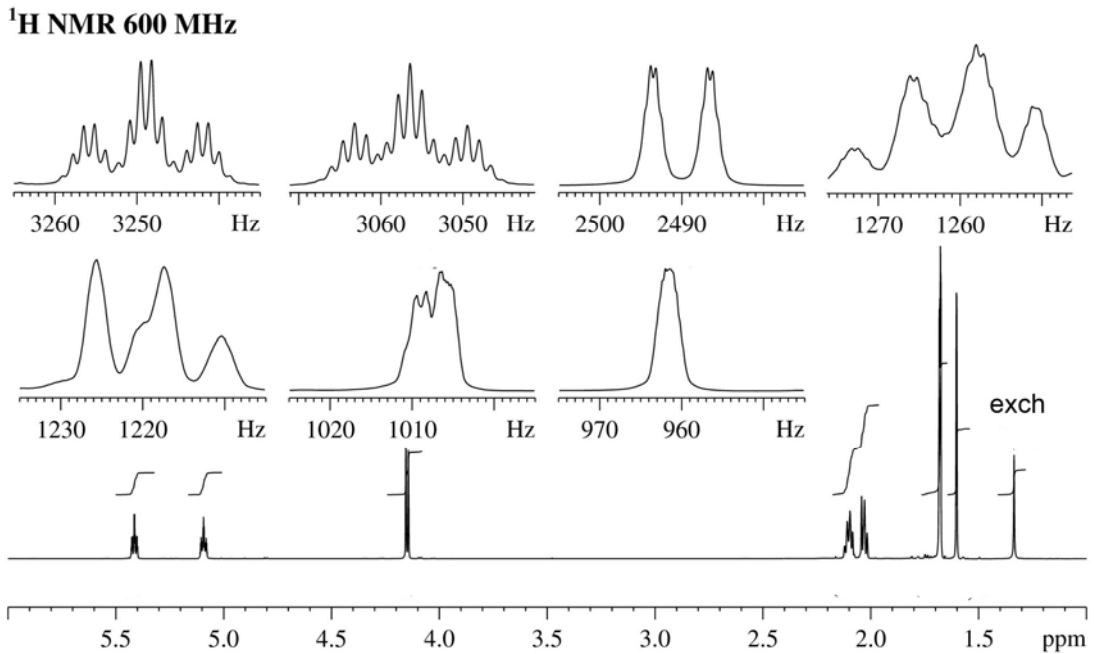
HOMEWORK-3 DUE FRI. OCT. 10



Conclusions:

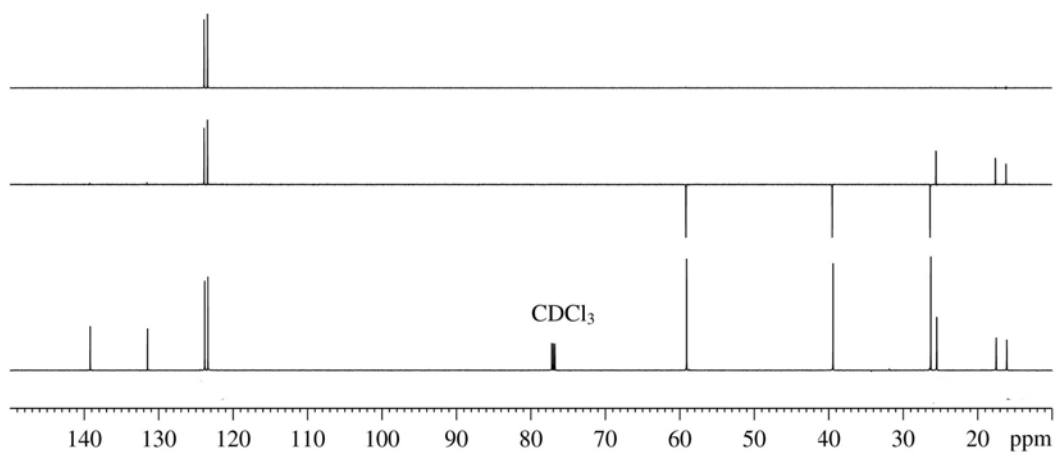


Conclusions:



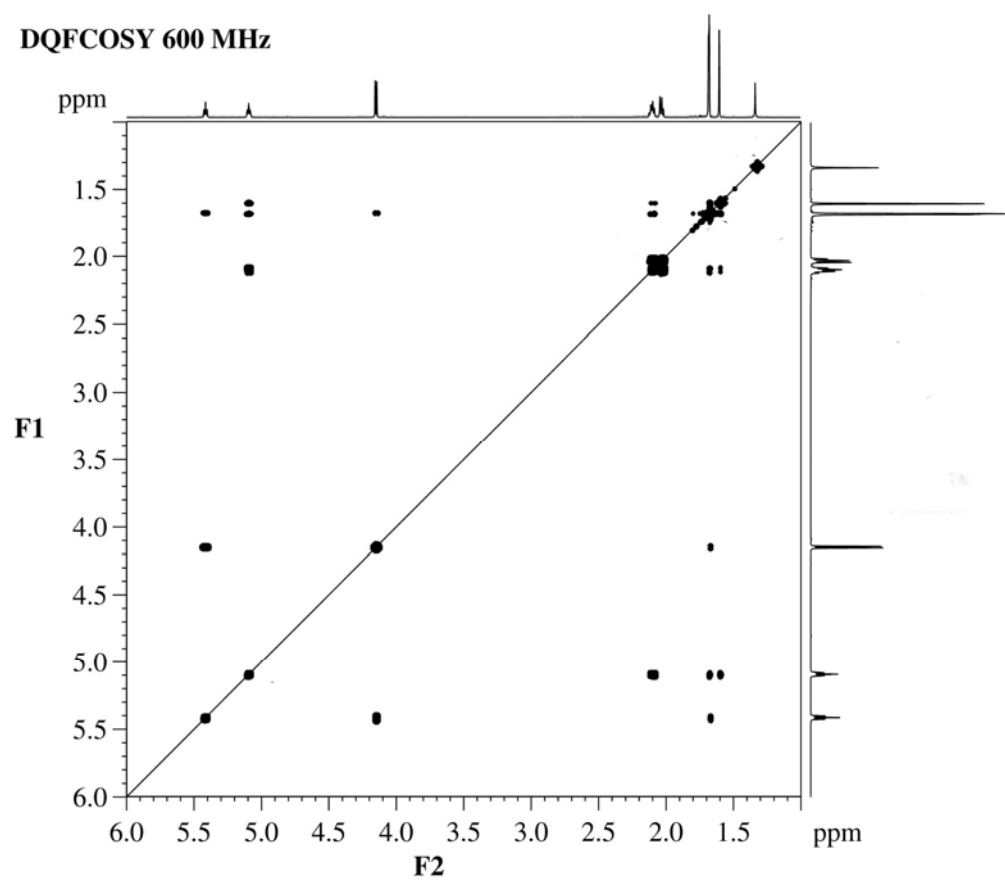
Conclusions:

$^{13}\text{C}/\text{DEPT}$ NMR 150.9 MHz



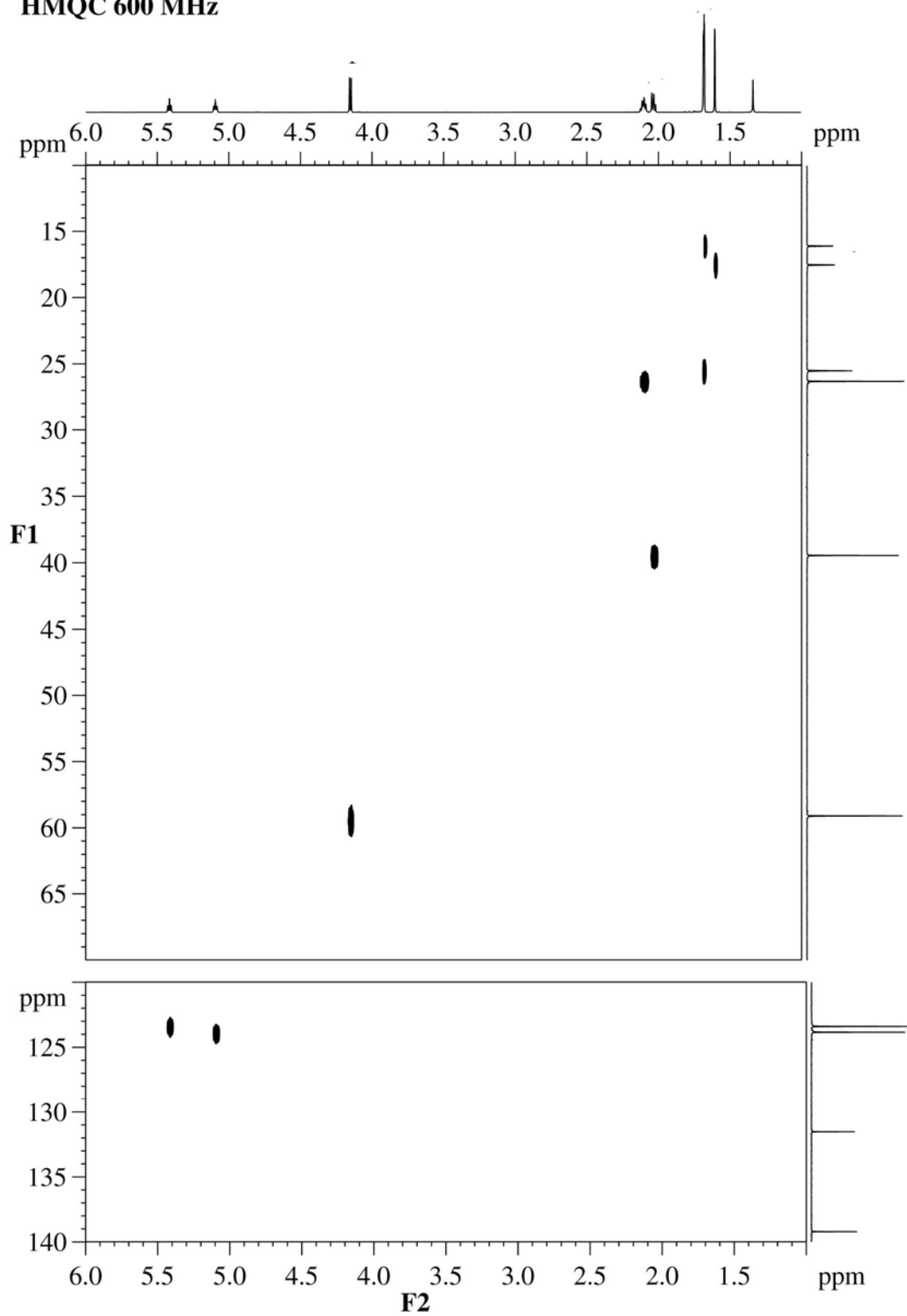
Conclusions:

DQFCOSY 600 MHz



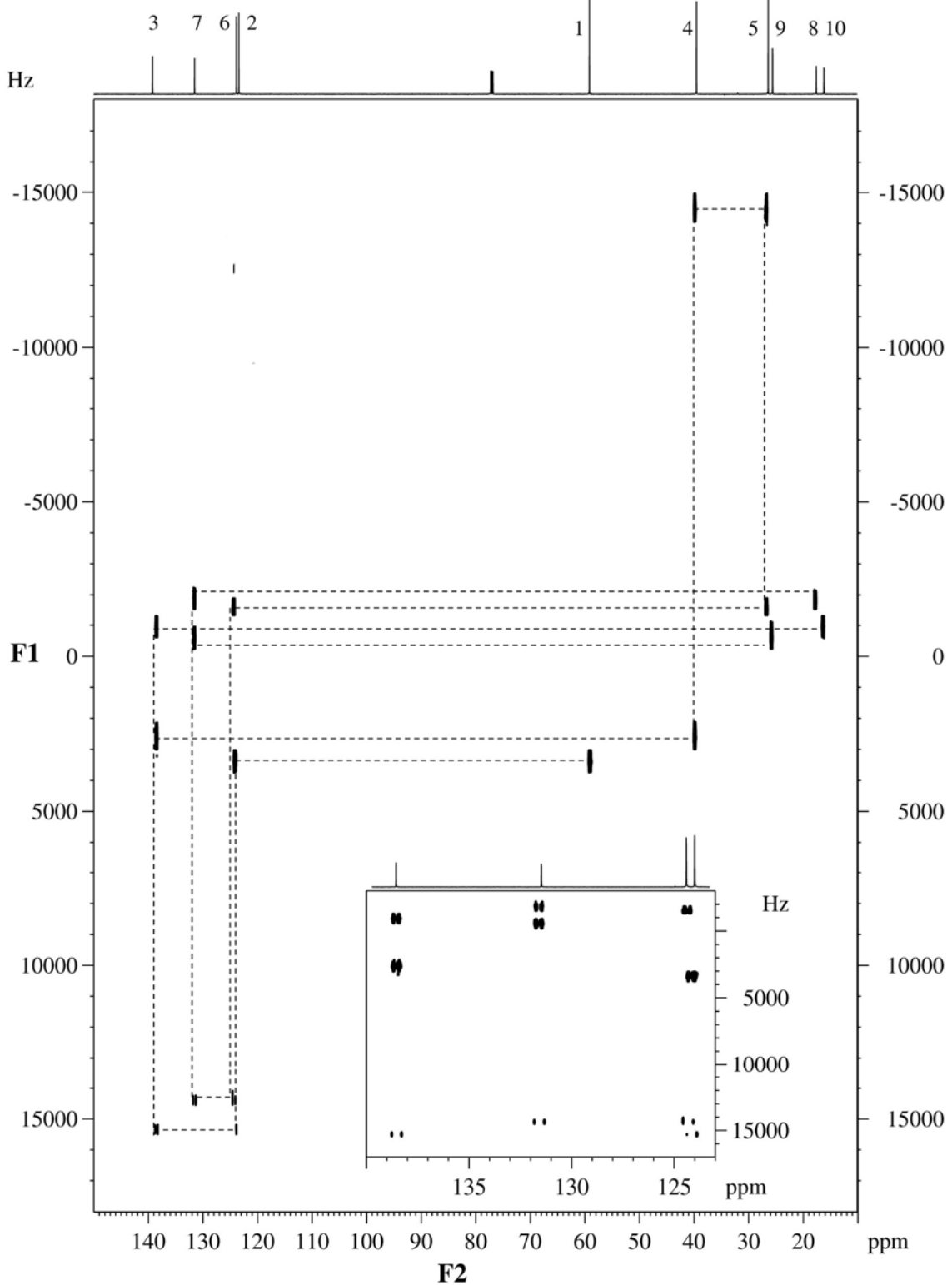
Conclusions:

HMQC 600 MHz



Conclusions:

INADEQUATE 600 MHz



Conclusions:

Final Structural Assignment:

Give the structure of this compound, label all H's and C's (H_a , H_b etc) and correlate them with their 1H and ^{13}C resonances using approximate chemical shifts from the spectra.