

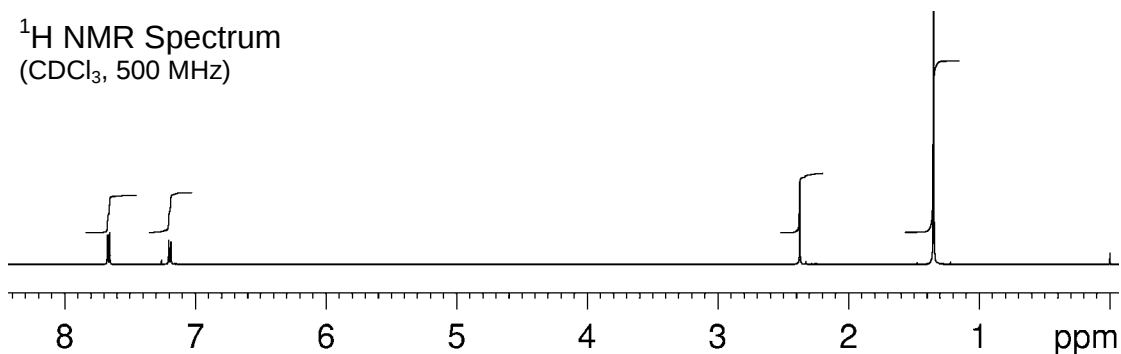
Problem 23

Identify the following compound.

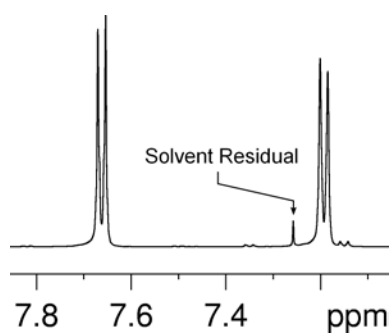
Molecular Formula: $\text{C}_{12}\text{H}_{16}\text{O}$

IR Spectrum: 1685 cm^{-1}

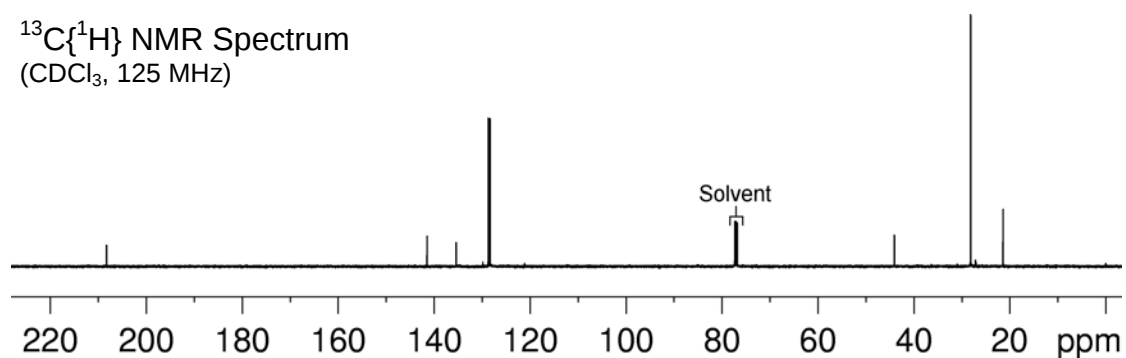
^1H NMR Spectrum
(CDCl_3 , 500 MHz)



^1H NMR Expansion
(CDCl_3 , 500 MHz)



$^{13}\text{C}\{^1\text{H}\}$ NMR Spectrum
(CDCl_3 , 125 MHz)



$^{13}\text{C}\{^1\text{H}\}$ NMR Expansion
(CDCl_3 , 125 MHz)

