

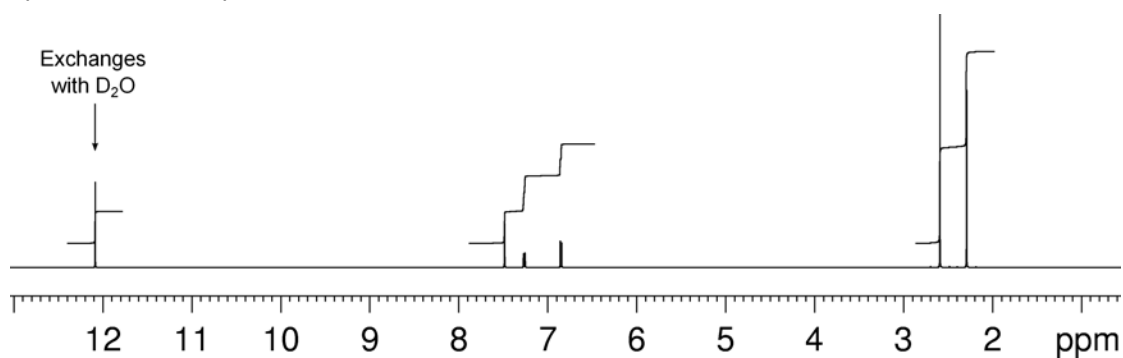
# Problem 41

Identify the following compound.

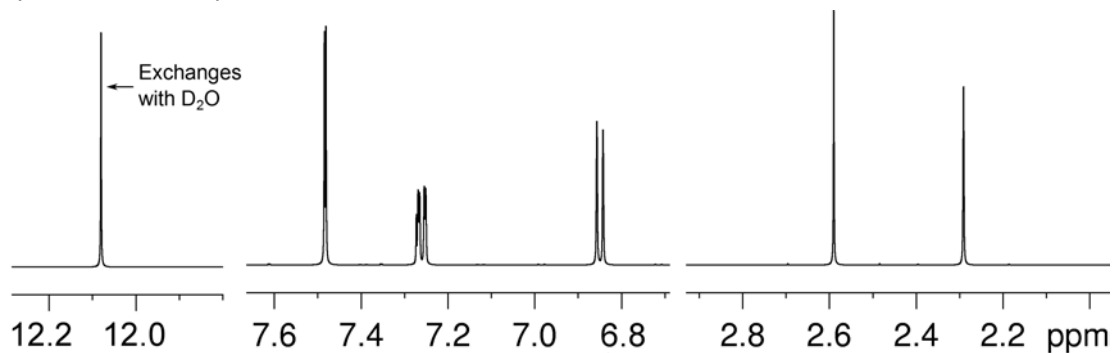
Molecular Formula:  $C_9H_{10}O_2$

IR:  $1644, 1618\text{ cm}^{-1}$

$^1\text{H}$  NMR Spectrum  
( $\text{CDCl}_3$ , 600 MHz)



$^1\text{H}$  NMR Expansion Spectrum  
( $\text{CDCl}_3$ , 600 MHz)



$^{13}\text{C}\{^1\text{H}\}$  NMR Spectrum  
( $\text{CDCl}_3$ , 150 MHz)

