

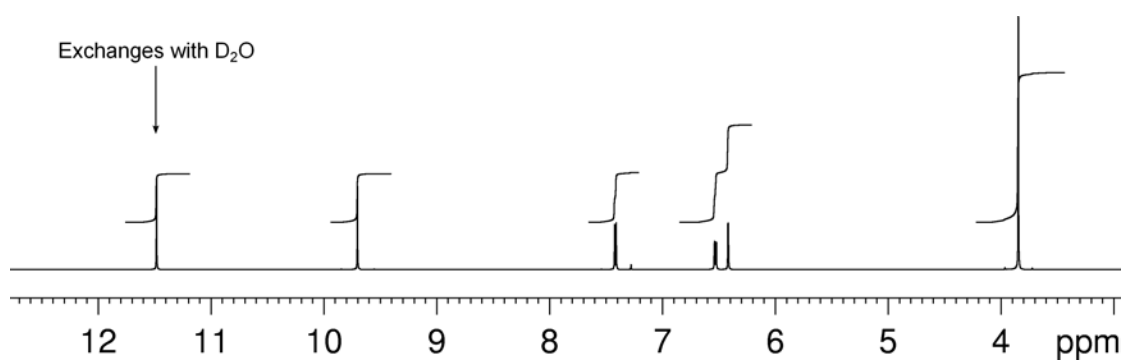
## Problem 40

Identify the following compound.

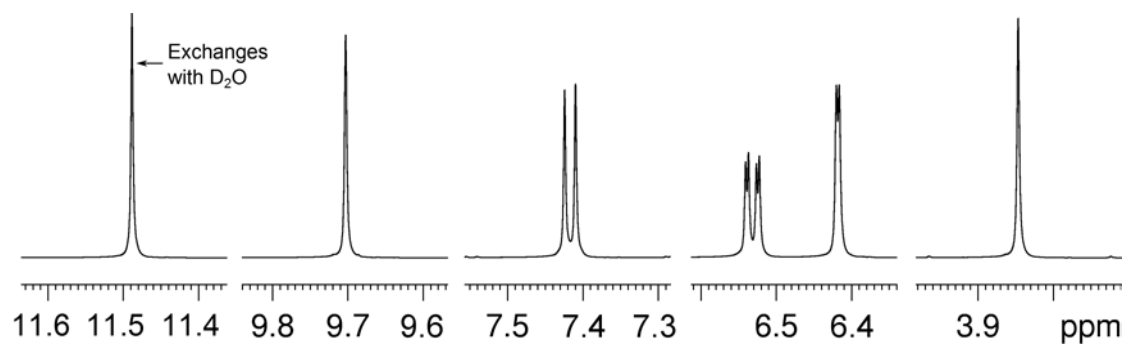
Molecular Formula:  $\text{C}_8\text{H}_8\text{O}_3$

IR: 3022 (br w), 1675, 1636  $\text{cm}^{-1}$

$^1\text{H}$  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)

