## Problem 27

Identify the following compound.

Molecular Formula: C<sub>11</sub>H<sub>14</sub>O<sub>2</sub>

IR: 1715 cm<sup>-1</sup>

Draw a labelled structure, and use the me-HSQC and INADEQUATE spectra to assign each <sup>1</sup>H and <sup>13</sup>C resonance to the corresponding nucleus in the structure.







