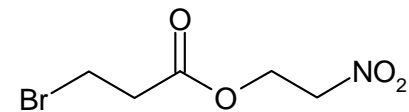
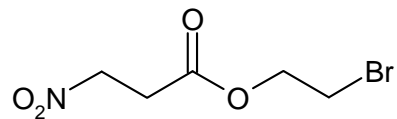
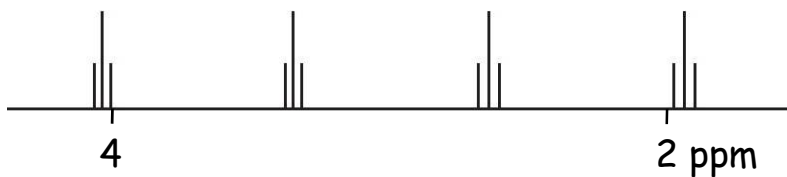


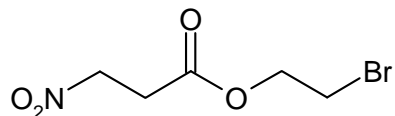
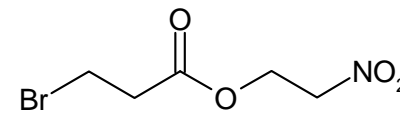
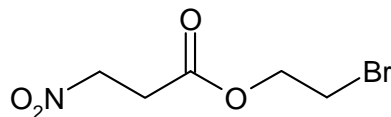
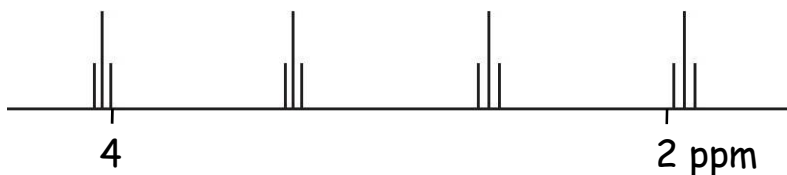
# Example

Assuming that  $^3J$  is greater upon Br-substitution, which structure is correct?

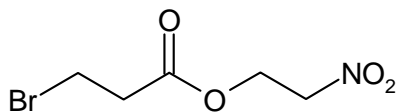


# Example

Assuming that  $^3J$  is greater upon Br-substitution, which structure is correct?



$$\delta(^1\text{H}) = \left. \begin{array}{l} 0.23 \\ + 0.47 \end{array} \right\} + \begin{array}{cc} 3.80 & 3.13 \\ \underbrace{\quad\quad}_{1.55} & \underbrace{\quad\quad}_{2.33} \\ \text{small } ^3J & \text{large } ^3J \end{array} \quad \text{gives}$$



$$\delta(^1\text{H}) = \left. \begin{array}{l} 0.23 \\ + 0.47 \end{array} \right\} + \begin{array}{cc} 2.33 & 3.13 \\ \underbrace{\quad\quad}_{1.55} & \underbrace{\quad\quad}_{3.80} \\ \text{large } ^3J & \text{small } ^3J \end{array} \quad \text{fits}$$