Lipids

1. Which of the following is the molecular formula for glycerol?
   - CH₂OHCH₂CH₂OH
   - CH₂OHCHOHCH₂OH
   - CH₂OHCOH(CH₂)₂CH₃
   - CH₂OHCHOHCH₂COOH

2. Which functional groups are present in an unsaturated fatty acid?
   - carboxylic acid and ester
   - carboxylic acid and alcohol
   - carboxylic acid and alkane
   - carboxylic acid and alkene

3. What functional group is present in a triglyceride formed between glycerol and a saturated fatty acid?
   - ester
   - hydroxyl
   - carboxylic acid
   - alcohol