

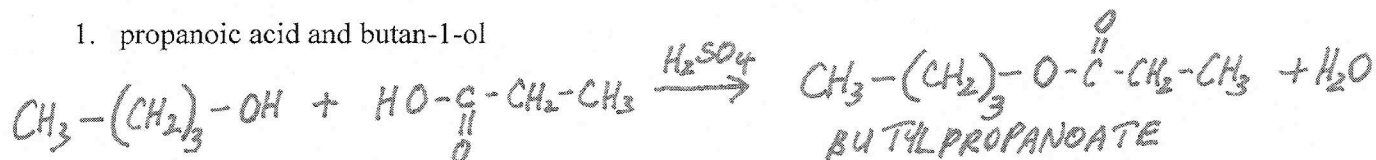
Section 10.4

Chemistry 30 - Esters and Esterification

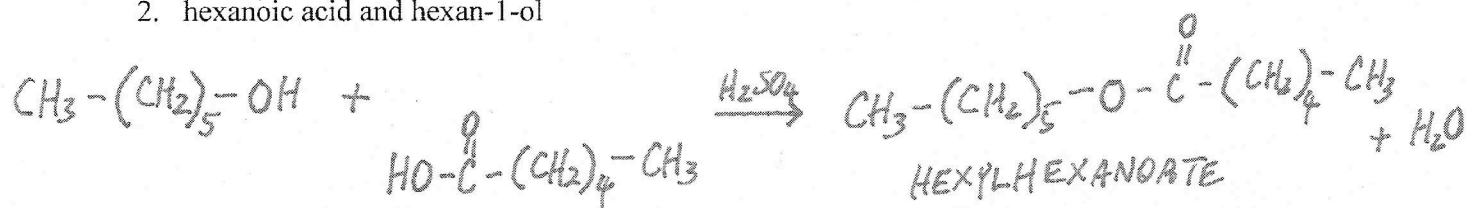


Write a structural equation to represent a reaction between each of the following. Name the *ester* product in each case. Include the acid catalyst above the arrow in each reaction.

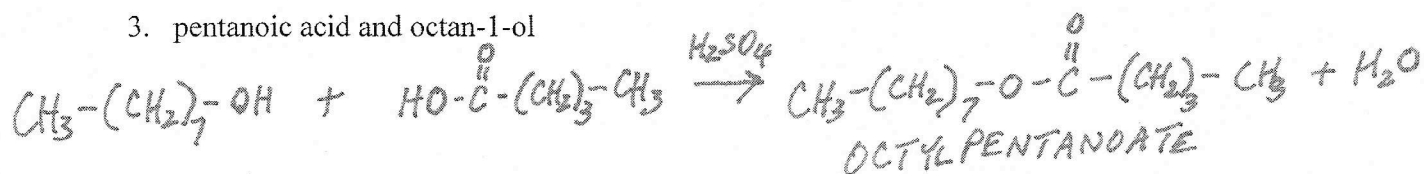
1. propanoic acid and butan-1-ol



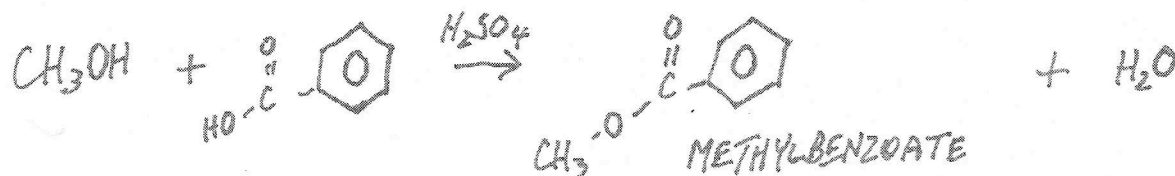
2. hexanoic acid and hexan-1-ol



3. pentanoic acid and octan-1-ol

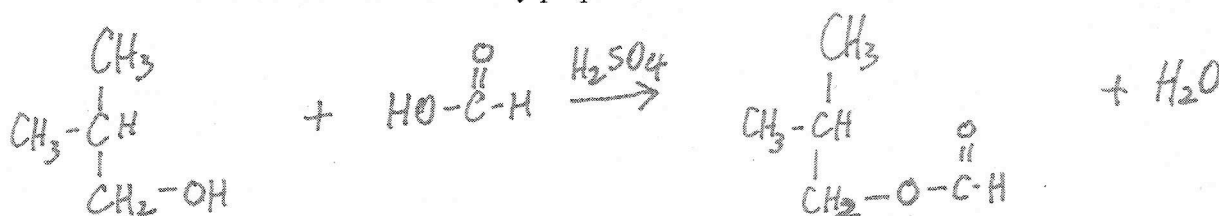


4. benzoic acid and methanol



Write the equation but don't name the ester for questions 5 and 6.

5. methanoic acid and 2-methylpropan-1-ol



6. benzoic acid and butan-2-ol

