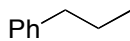
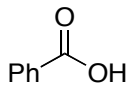
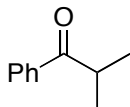
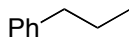


Aldehydes and Ketones. Properties, Nomenclature, Synthesis

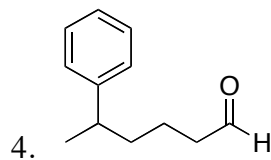
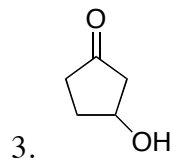
1. Boiling Point: The following have comparable molecular weight. Rank the boiling points for the following [1 being highest]



2. Water solubility: Rank the water solubility for the following [1 being highest]



Nomenclature: Provide the name or the structure for the following:



5. Z-2-hepten-4-one

6. E-3-chloro-3-hexenal

7. m-ethanoylaniline

Provide Reagents for the Following Transformations. Some may take several steps.

8.

9.

10.

11.

12.

13.