

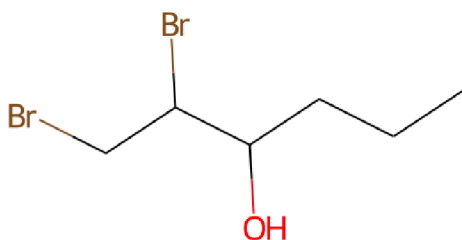
Name: _____

Organic Nomenclature

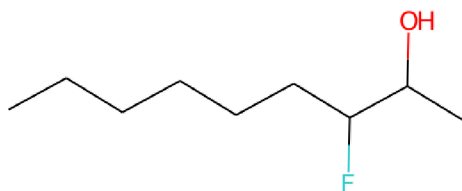
When naming organic compounds, please use the most correct IUPAC name. Do not use structural isomer prefixes (e.g., *cis*-, *trans*-, (*Z*)-, (*E*)-, etc.).

Possible organic compound classes are: **alkane**, **alkene**, **alkyne**, **alcohol**, **aldehyde**, **ester**, **ether**, **ketone**, **amide**, **amine**, **aromatic**, **carboxylic acid**

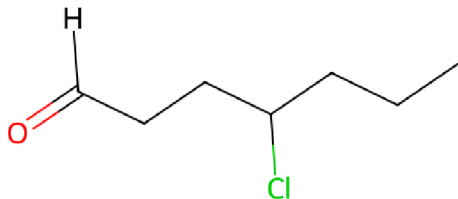
1. What class of compound ($C_6H_{12}Br_2O$) is shown in the diagram below?



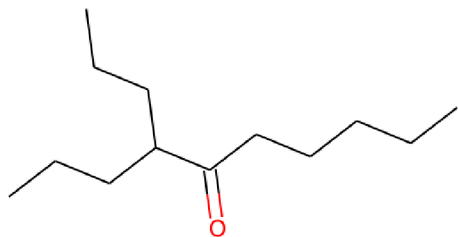
2. What class of compound ($C_9H_{19}FO$) is shown in the diagram below?



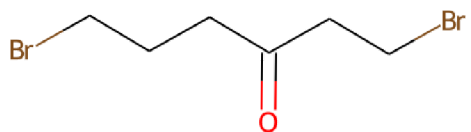
3. What class of compound ($C_7H_{13}ClO$) is shown in the diagram below?



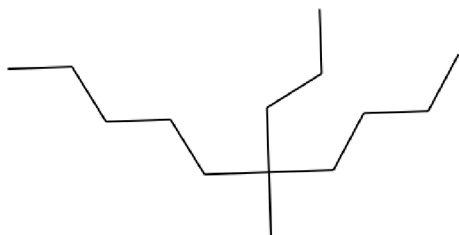
4. What class of compound ($C_{13}H_{26}O$) is shown in the diagram below?



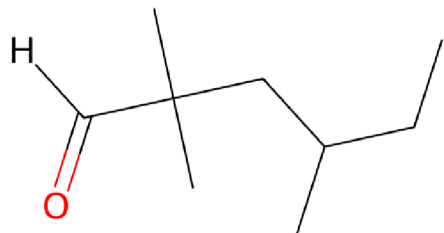
5. What is the most correct name for the compound ($C_6H_{10}Br_2O$) shown in this diagram?



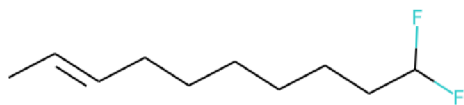
6. What class of compound ($C_{14}H_{30}$) is shown in the diagram below?



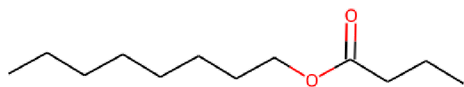
7. What class of compound ($C_9H_{18}O$) is shown in the diagram below?



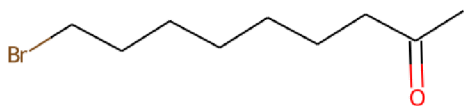
8. Write the most correct name for the compound ($C_{10}H_{18}F_2$) shown below:



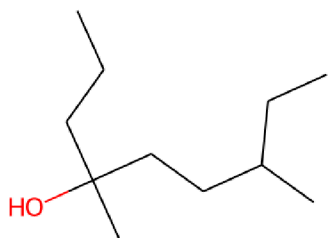
9. What class of compound ($C_{12}H_{24}O_2$) is shown in the diagram below?



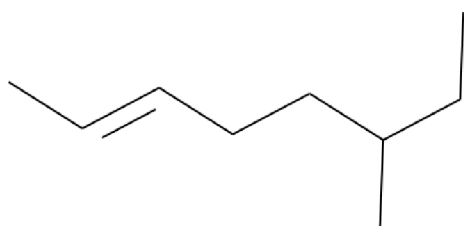
10. What class of compound ($C_9H_{17}BrO$) is shown in the diagram below?



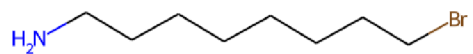
11. What is the most correct name for the compound ($C_{11}H_{24}O$) shown in this diagram?



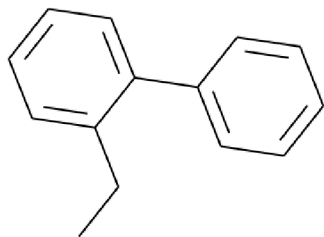
12. What is the most correct name for the compound (C_9H_{18}) shown in this diagram?



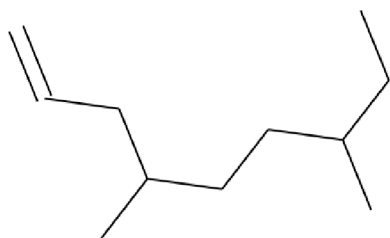
13. What class of compound ($C_8H_{18}BrN$) is shown in the diagram below?



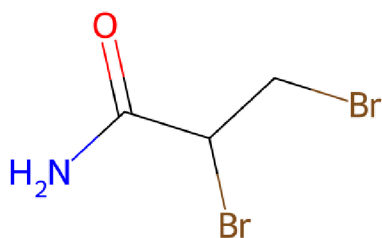
14. What class of compound ($C_{14}H_{14}$) is shown in the diagram below?



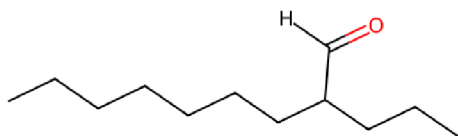
15. Write the most correct name for the compound ($C_{11}H_{22}$) shown below:



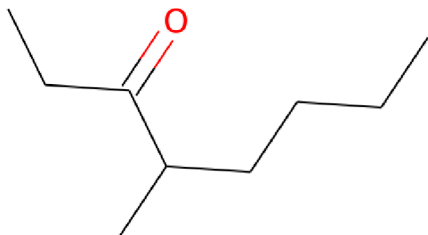
16. What is the most correct name for the compound ($C_3H_5Br_2NO$) shown in this diagram?



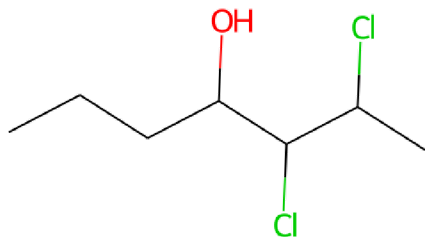
17. Write the most correct name for the compound ($C_{12}H_{24}O$) shown below:



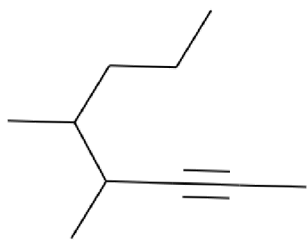
18. What class of compound ($C_9H_{18}O$) is shown in the diagram below?



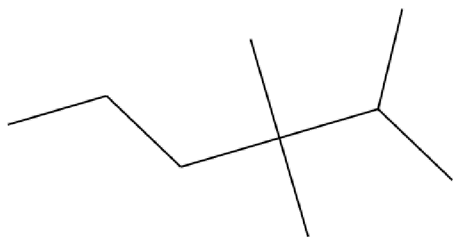
19. What is the most correct name for the compound ($C_7H_{14}Cl_2O$) shown in this diagram?



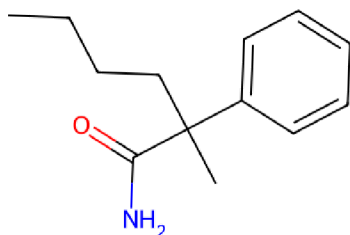
20. What class of compound ($C_{10}H_{18}$) is shown in the diagram below?



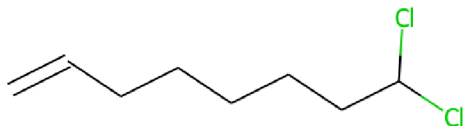
21. What class of compound (C_9H_{20}) is shown in the diagram below?



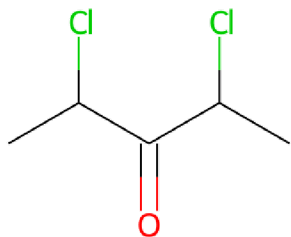
22. What is the most correct name for the compound ($C_{13}H_{19}NO$) shown in this diagram?



23. What is the most correct name for the compound ($C_8H_{14}Cl_2$) shown in this diagram?



24. Write the most correct name for the compound ($C_5H_8Cl_2O$) shown below:



25. What is the most correct name for the compound ($C_{14}H_{22}O$) shown in this diagram?

