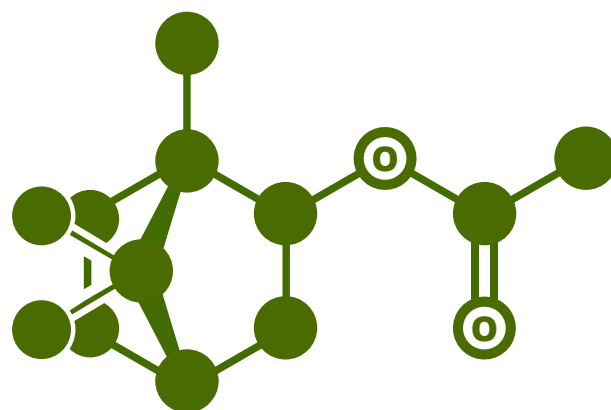


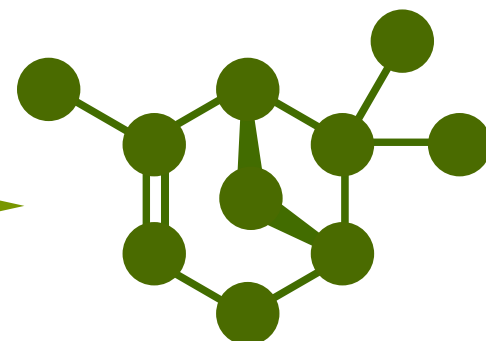
# CHEMISTRY ADVENT 1

## CHRISTMAS TREE AROMA

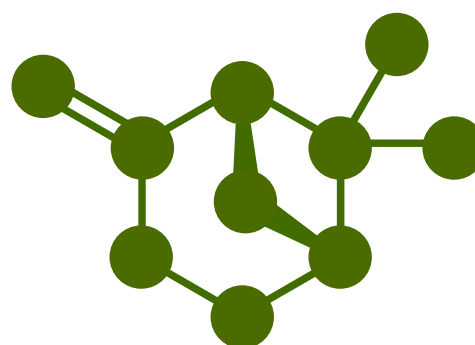


**BORNYL ACETATE**

**ALPHA-PINENE**



**BETA-PINENE**



● Carbon    ⊙ Oxygen

*Hydrogens on carbon atoms implied;  
each carbon has 4 bonds.*

Several molecules contribute to the aroma of Christmas trees. A key compound is pinene, which exists as two isomers. Bornyl acetate also contributes a fresh pine aroma and is commonly used in pine fragrances and air conditioners.

