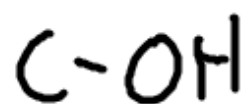


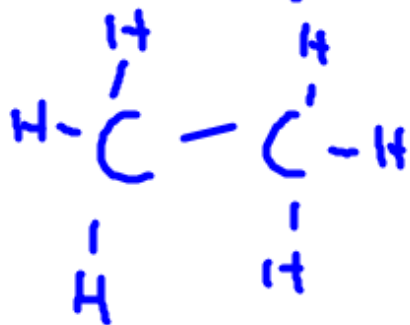
functional Groups

- give hydrocarbons different properties

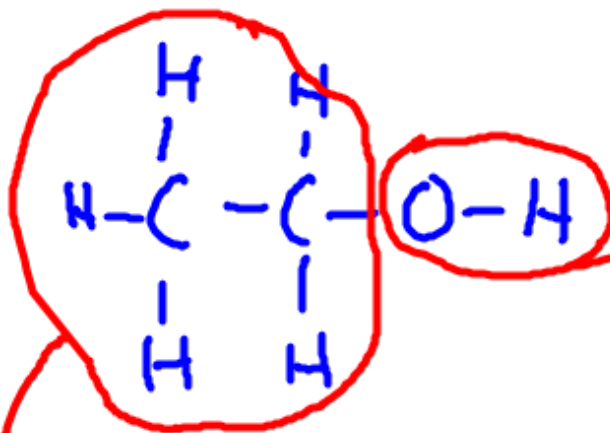
7.1 Alcohols & Ethers



naming alcohols

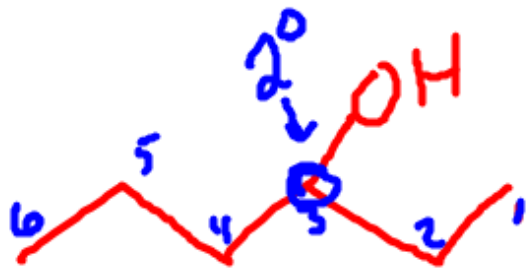


ethane

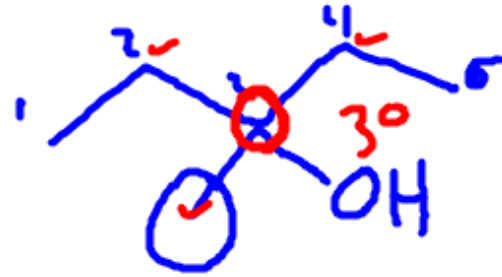


ethanol - IUPAC

ethyl alcohol - common



③-hexanol



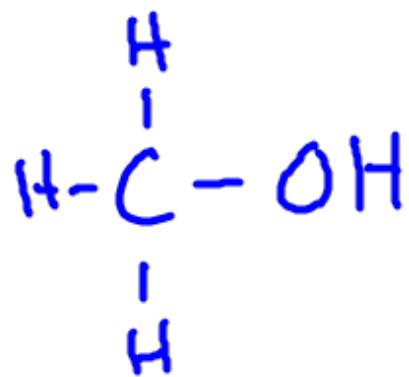
3-methyl-3-pentanol



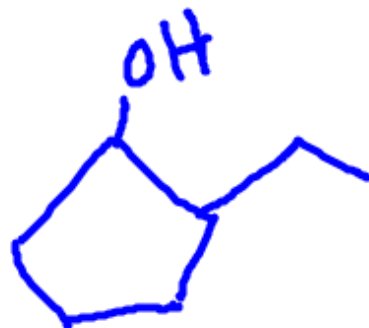
2-propanol

isopropyl alcohol
Rubbing

drawing
methanol



2-ethyl cyclopentanol



boiling points

dispersion



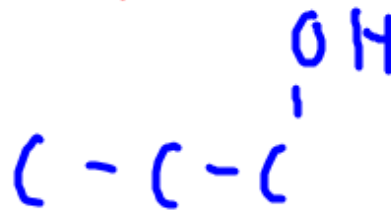
①

3x bonding



②

H-bonding

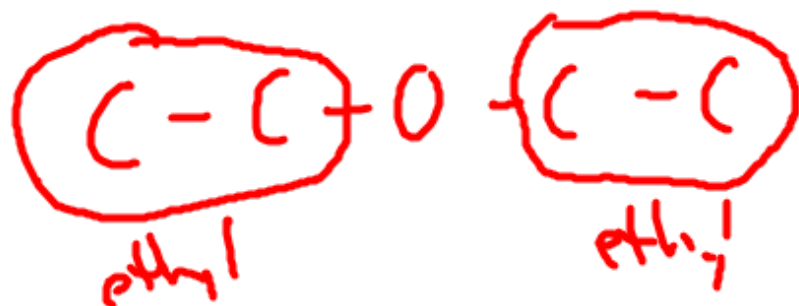


③

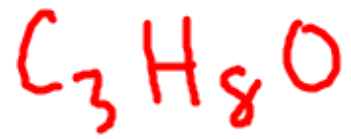
which has the highest bp?

② has the strongest intermolecular forces

ethers



diethyl ether



alcohols + ethers

