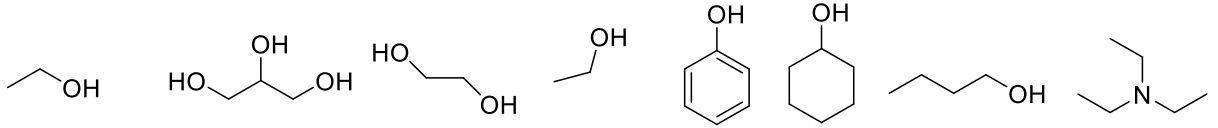
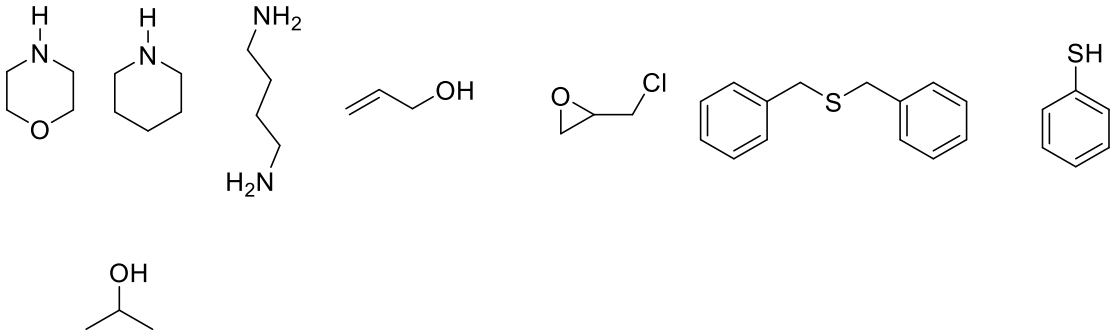


1. Finden Sie die Formeln für folgende Stoffe heraus:

EtOH, Glycerol, Ethylenglycol, MeOH, Phenol, Cyclohexanol, BuOH, Triethylamin,



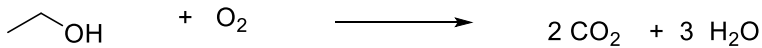
Morpholin, Piperidin, Cadaverin, Allylalkohol, Epichlorhydrin, Dibenzylsulfid, Thiophenol, Isopropanol



Verbrennung von Ethanol

45 g/mol

2 x 44 g/mol



40 ml = 31,6g

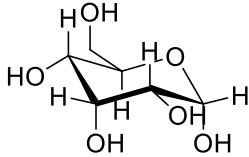
X

$$\frac{45 \text{ g/mol}}{31,6 \text{ g}} = \frac{2 \times 44 \text{ g/mol}}{X} \quad X = \frac{2 \times 44 \text{ g/mol} \times 31,6 \text{ g}}{45 \text{ g/mol}} = 61,8 \text{ g}$$

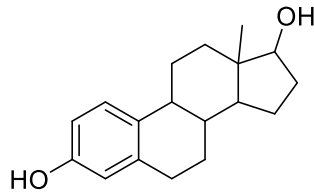
$$61,8 \text{ g CO}_2 = 1,40 \text{ mol} = 31,45 \text{ L CO}_2$$

2. Ordnen Sie folgende Namen den entsprechenden Formeln zu
Estradiol, Morphin, Glucose, Histamin, Anisol, Bisphenol-A, Dibenzo-18-Krone-6, Dopamin, Epichlorhydrin

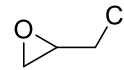
Glucose



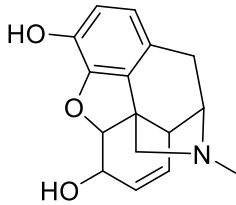
Estradiol, Östradiol



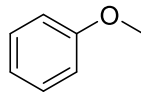
Epichlorhydrin



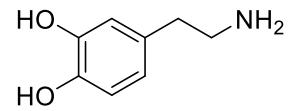
Morphin



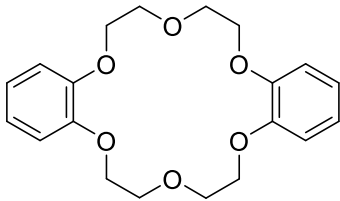
Anisol



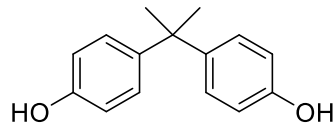
Dopamin



Dibenzo-18-krone-6



Bisphenol A



Histamin

