

Video Homework for Topic I.4:

Nucleophiles, Electrophiles and Functional Groups

Recommended reading for this topic:

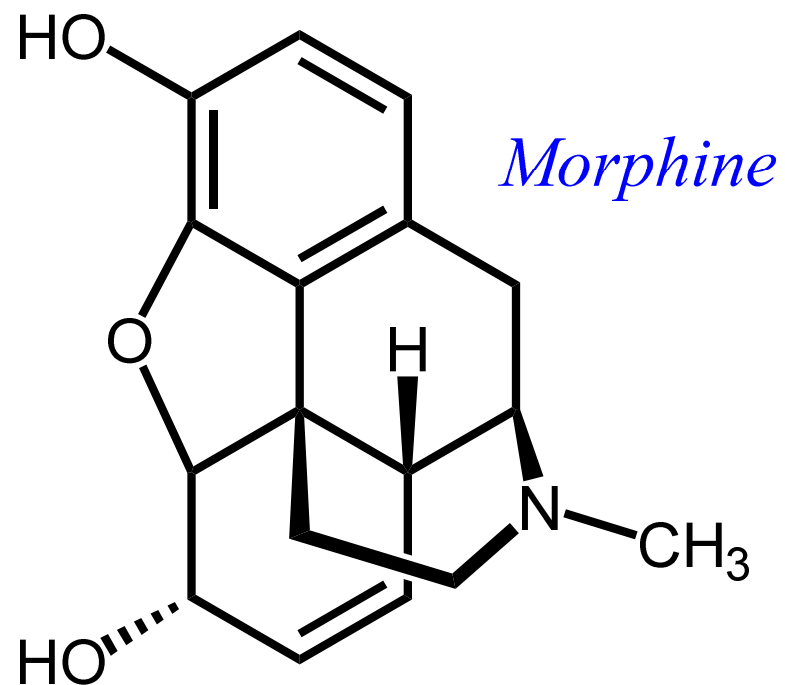
Lesson I.4 in *Organic Chemistry 1 Primer 2018*,
by Rhett C. Smith, Andrew G. Tennyson and Tania Houjeiry

Additional Videos and how to match videos to your course text book:

ProtonGuru.com

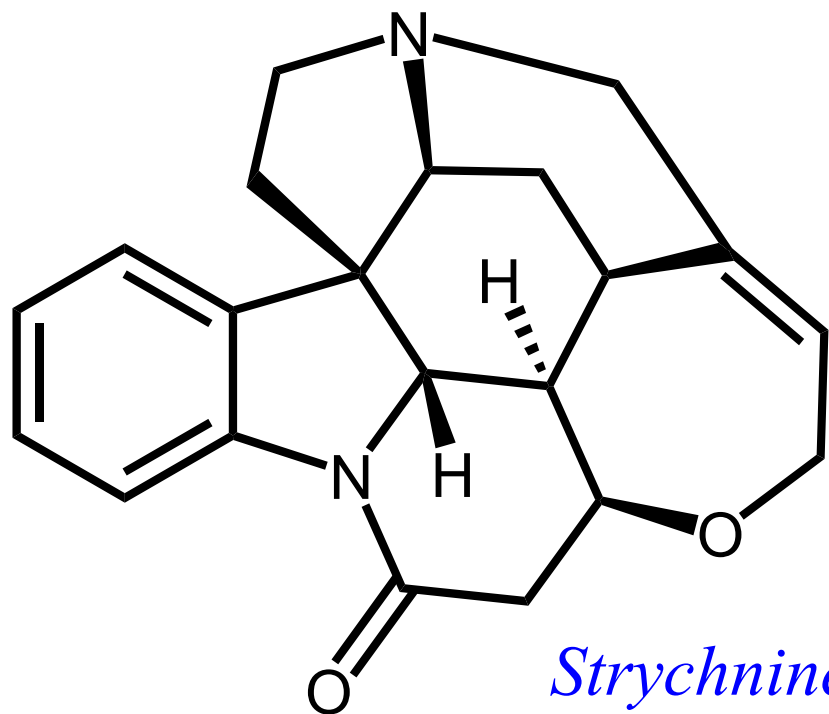
Nucleophiles, Electrophiles and Functional Groups

Circle and label the non-alkane functional groups in the molecule shown.



Nucleophiles, Electrophiles and Functional Groups

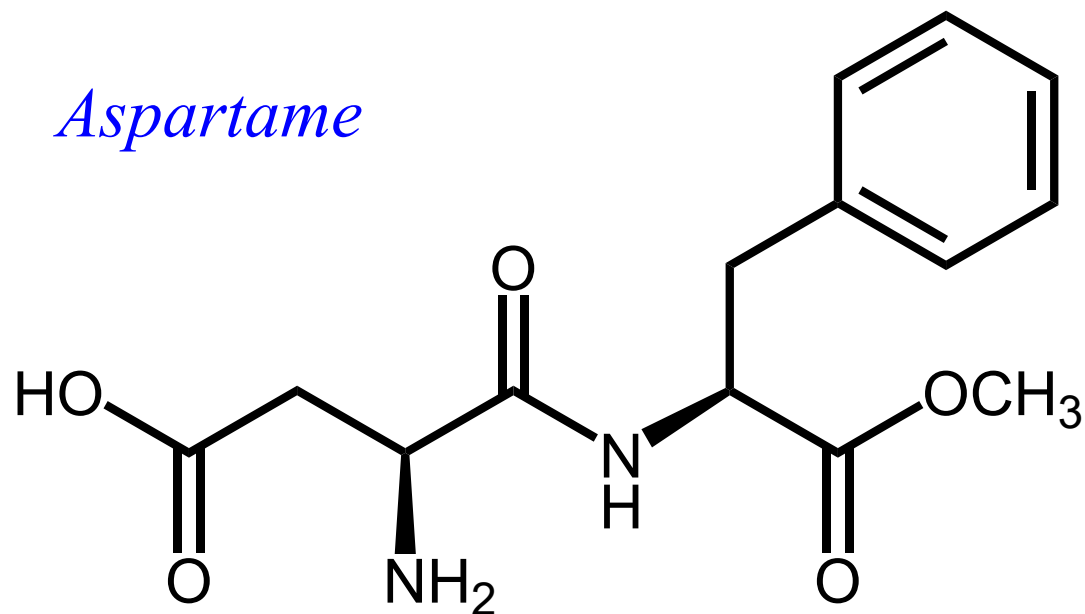
Circle and label the non-alkane functional groups in the molecule shown.



Nucleophiles, Electrophiles and Functional Groups



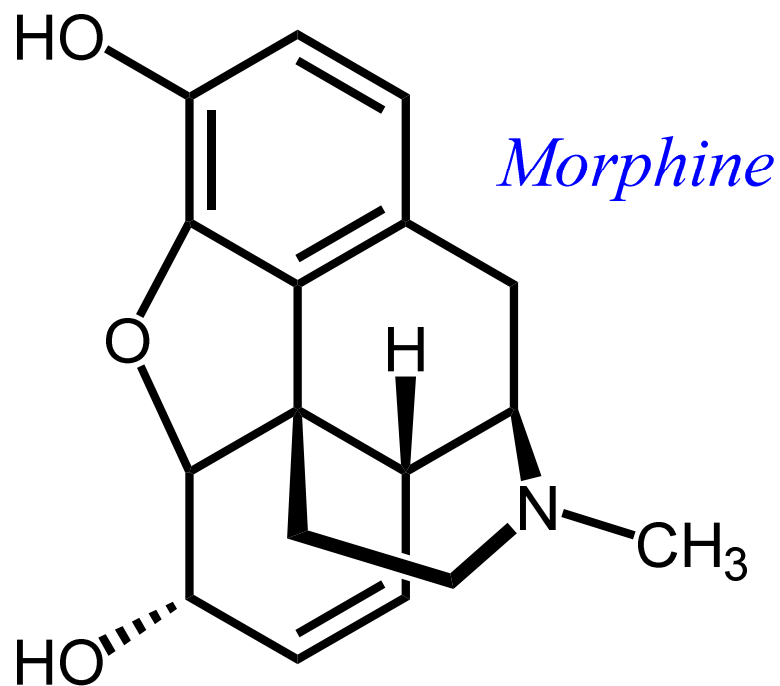
Circle and label the non-alkane functional groups in the molecule shown.



Nucleophiles, Electrophiles and Functional Groups



Draw a curved arrow (like the one in the Proton Guru logo) pointing to each atom that might attract a nucleophile. Draw an arrow pointing away from each atom that might attract an electrophile (a proton is a common electrophile).



Nucleophiles, Electrophiles and Functional Groups



Draw a curved arrow pointing to each atom that might attract a nucleophile.
Draw an arrow pointing away from each atom that might attract an electrophile.

