

Box 1. Organic 1 Class Learning Objectives

Describe organic bonding

Depict organic structures

Describe acid-base reactions

Name and describe alkane structure

Name and describe cycloalkane structure

Describe organic reactions

Name and describe alkene structure

Describe alkene addition reactions of HX

Describe alkene additions that go through an "onium" intermediate

Describe concerted addition and cleavage reactions of alkenes

Name alkynes and describe their reactivity

Describe chirality

Describe the role of chirality in chemical reactions

Name alkyl halides and describe their reactivity

Describe and differentiate between substitution reactions

Describe and differentiate between elimination reactions