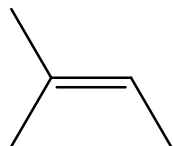


Exercise 10.1

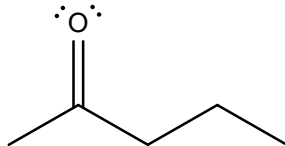
Line-Bond Notation

1. Each of the following molecules is drawn using line-bond notation. Draw the complete structural formula for each molecule. *Show all bonds and atoms, including lone pairs; bond angles should be drawn accurately.*

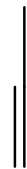
(a)



(b)



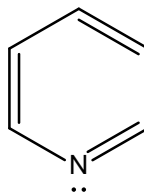
(c)



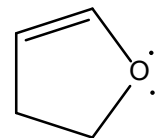
(d)



(e)

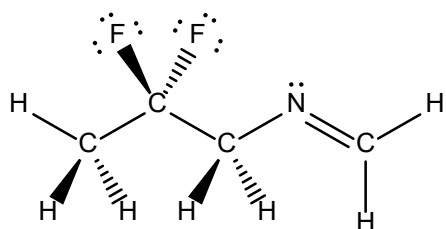


(f)

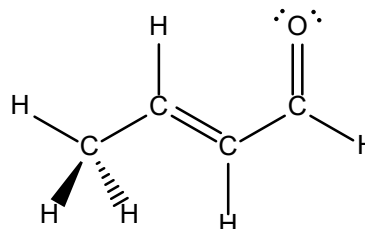


2. The complete structural formula for each of the following molecules has been drawn. Redraw each molecule using line-bond notation.

(a)

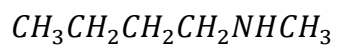


(b)

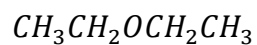


3. The condensed formula for each of the following molecules has been written. Draw each molecule using line-bond notation.

(a)



(b)



(c)

