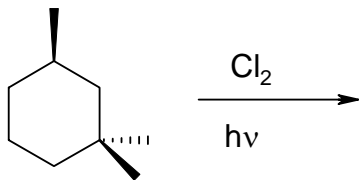


Chemistry 341
Recitation #9

For the following reaction, starting from one pure enantiomer:



(a) Draw all of the possible products (there are seven, excluding stereoisomers).

(b) Which of the above are chiral? Write a star next to those.

(c) Which of the chiral ones are optically active (i.e., nonracemic)? Circle those.

(d) Which is the major product?

(e) Write the propagation steps for formation of the major product.