Organic Chemistry I Jasperse

Br₂, hv

Test 2, Radical bromination: Extra Radical Bromination Product Prediction and Mechanism Practice Problems

Note: In each of the following, draw the MAJOR mono-brominated product, and/or draw the mechanism (full arrow-pushing) for the propagation steps in the radical mechanism. Initiation need not be illustrated..

1.
$$\beta r \rightarrow \beta r \rightarrow \beta$$

$$\frac{Br_2, hv}{Br} \xrightarrow{Br} \frac{Br}{Br} + br$$

3.
$$O \longrightarrow Br_2, hv$$

$$O$$

