Name ______________________________

1. (4 pts) Place an asterisk (*) next to all carbons that represent a stereocenter.

![Chemical structures](image1)

2. Draw the enantiomer of the following compound.

![Chemical structure](image2)

3. (1 pts) A mixture contains 66% \( (R) \)-3-methoxyhexane and 34% \( (S) \)-3-methoxyhexane. What is the percent enantiomeric excess?

\[
\% ee = _________
\]