**Synthesis of a Macrocyclic Mcl-1 Inhibitor**

**Significance:** Overexpression of the antiapoptotic protein Mcl-1 benefits survival of some cancer cells. The target molecule \( R \) is an inhibitor of Mcl-1. A key step in the synthesis depicted is the macrocyclization of diene \( J \) by ring-closing metathesis.

**Comment:** The addition of Reformatsky reagent \( F \) to the keto group in \( E \) generated a mixture of diastereoisomers \( G \) (dr = 2:1) that was later separated by column chromatography to give the desired diastereoisomer \( K \).