Ruthenium-Catalyzed Asymmetric [2+2] Cycloaddition of Ynamides with Enones

**Significance:** The chiral dicationic ruthenium complex catalyzes the asymmetric [2+2] cycloaddition of cyclic β-keto esters with ynamides. The reaction tolerates a wide range of substrates and generates an all-carbon quaternary stereogenic center in high yield and with high asymmetric induction.

**Comment:** Ynamides bearing an electron-deficient and an electron-donating group were found to be ideal substrates for this reaction due to the absence of an uncatalyzed background reaction at elevated temperatures.

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