

**Asymmetric Kulinkovich hydroxycyclopropanation of alkenes mediated by titanium(IV) TADDOLate complexes**  
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**Enantioselective synthesis of epoxyketones via aerobic oxidation of cyclopropanols**  
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**Generation of mixed anhydrides via oxidative fragmentation of tertiary cyclopropanols with phenyliodine(III) dicarboxylates**  
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