Radical-Mediated Difunctionalization of Styrenes

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Advances in C(sp³)–H Bond Functionalization via Radical Processes

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**Recent Progress on the Synthesis of CF₂H-Containing Derivatives**

**Short Review**

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**Stereoselective Synthesis of syn-γ-Hydroxynorvaline and Related α-Amino Acids**

**Feature**

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**Sumanene Hexaester: An Electron-Deficient Buckybowl**

**Paper**

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Easy Access to 2-Fluoro- and 2-Iodo-2H-azirines via the Halex Reaction

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Methyl-α-α-glucopyranoside as Green Ligand for Selective Copper-Catalyzed N-Arylation

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Total Synthesis of Enisorine D and its Analogues

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Efficient Synthesis of Pyrido[3,2-c]coumarins via Silver Nitrate Catalyzed Cycloisomerization and Application to the First Synthesis of Polyneomarline C

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Regioselective Diboron-Mediated Semireduction of Terminal Allenes

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Transition-Metal-Promoted Oxidative Cyclization To Give 1,2,4-Trisubstituted Carbazole Scaffolds

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**Divergent Synthesis of Various 2-Aryl Iminocyclitols from (R)-p-Hydroxyphenylglycine**

**Key Features**
1. OsO4-catalyzed dihydroxylation
2. Base-promoted intramolecular cyclization
3. Pyrrolidine and piperidine alkaloids

**Copper-Catalyzed Nitrogenation of Aromatic and Aliphatic Aldehydes: A Direct Route to Carbamoyl Azides**

- Aliphatic aldehydes and aryl aldehydes
- TBPB as the oxidant and initiator
- Yield up to 93%
- Copper catalysis

**Synthesis of 5-Substituted 2-Pyrrolidinones by Coupling of Organozinc Reagents with Cyclic N-Acyliminium Ions**

- One-pot reaction
- 11 examples: 25-75% yield
- \( R^1 = \text{allyl, benzyl, propargyl} \)
- \( R^2 = \text{benzyl, butyl, Boc, allyl, homoallyl, p-methylbenzyl, piperonyl} \)