2-Azadienes as Enamine Umpolung Synthons for the Preparation of Chiral Amines

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Biocatalytic Synthesis of α-Amino Ketones

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Cascades Involving anti-Carbopalladation Steps: From Our Initial Hypothesis to Natural Product Synthesis

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Peptide Modifications: Versatile Tools in Peptide and Natural Product Syntheses

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Liquid-Phase Synthesis of N-Functionalized Azanucleoside-Incorporated Oligonucleotides and Development of Anodic C(sp3)–H Acetoxylation Reaction for Direct Preparation of Azaribose

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A Simple Method for the Preparation of Stainless and Highly Pure Trichloroacetimidates

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Electrochemical Regioselective Bromination of Electron-Rich Aromatic Rings Using "Bu₄NBr

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Enantioselective Protonation of Silyl Enol Ethers Catalyzed by a Chiral Pentacarboxycyclopentadiene-Based Brønsted Acid

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Dialkylation of Ethyl 4-(Het)aryl-3-oxobutanoates as a Route to 5-(2-Oxoethyl)cyclopentenones

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Ag(I)-Mediated Oxidative Radical Trifluoromethylthiolation of Alkenes

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Synthesis of 2,3-Dihydrotryptamines from Amide Solvents and Acyclic Materials through Metal-Free Amidoalkylation of Unactivated Alkenes

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Combined Alkylating Agents as a Resolution for Highly Selective N-Alkylation of 2-Hydroxybenzaldehyde Acylhydrazones

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Stereoselective Synthesis of (Z)-Allyl Alcohols through Coinage-Metal-Catalyzed Nucleophilic Addition of Benzo[d]isoxazoles with Unactivated Propargyl Alcohols

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Synthesis of a C1–C12 Fragment of Gulmirecin B

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Synthesis of Resolvin D6 and the Silyl Ether of the Resolvin E2 Methyl Ester via trans-Enynyl Alcohols

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Asymmetric Mannich Reaction of N-Boc Imines with Alkylmalononitriles Catalyzed by Dinuclear PhosphoiminoBINOL-Pd Complex

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Synthesis of β-Selenylated Cyclopentanones via Photoredox-Catalyzed Selenylation/Ring-Expansion Cascades of Alkenyl Cyclobutanols

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Alcohol-Directed ortho-C–H Alkenylation

Unmasked primary/secondary/tertiary alcohols
18 examples, up to 80% yield

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