

Synthesis

Synthesis 2024, 56, 229–238
DOI: 10.1055/a-2134-0450

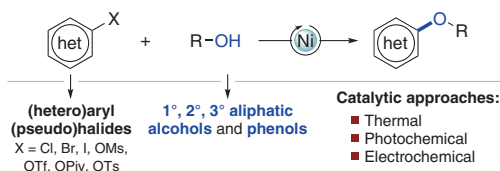
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Advances in Nickel-Catalyzed *O*-Arylation of Aliphatic Alcohols and Phenols with (Hetero)aryl Electrophiles

Short Review

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Synthesis

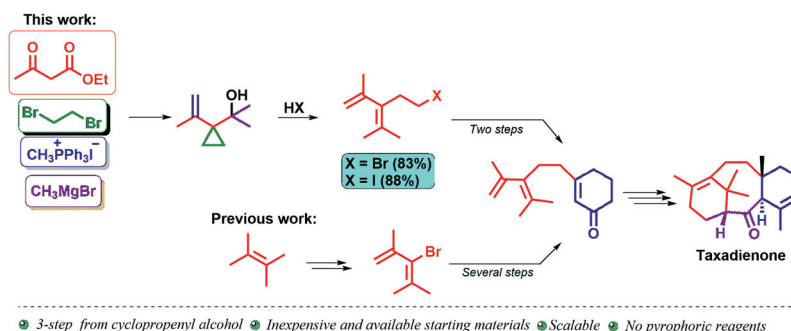
Synthesis 2024, 56, 239–242
DOI: 10.1055/a-2215-3546

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A Practical Synthesis of Homoallylic Diene Halides: Versatile Synthons for the Preparation of the Taxane A-Ring System

PSP

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Synthesis

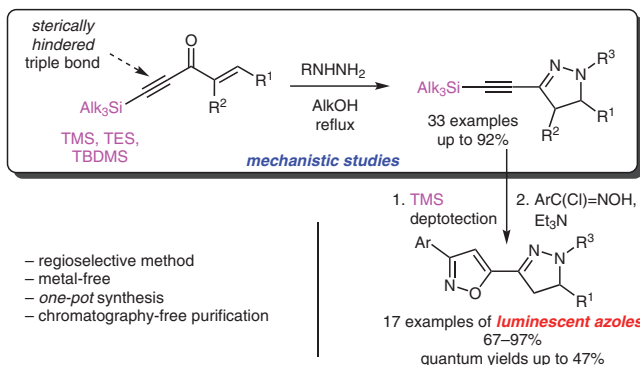
Synthesis 2024, 56, 243–266
DOI: 10.1055/s-0043-1763601

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Reactions of 5-(Trialkyl)silylpent-1-en-4-yn-3-ones with Hydrazines: Original Synthetic Routes to Luminescent Substances Containing Azole Motifs

Paper

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Synthesis

Synthesis 2024, 56, 267–274
DOI: 10.1055/s-0042-1751504

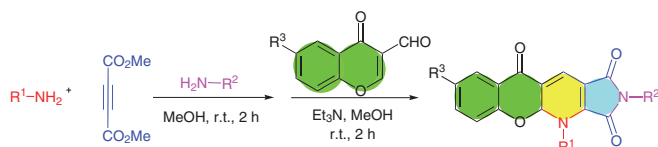
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Convenient Synthesis of Functionalized Tetracyclic Dihydrochromeno-[2,3-*b*]pyrrolo[3,4-*e*]pyridine-triones via Four-Component Reactions

Paper

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- Metal-free catalyst
- Regioselective reaction
- Yields up to 94%
- Multicomponent reaction

Synthesis

Synthesis 2024, 56, 275–280
DOI: 10.1055/a-2182-9098

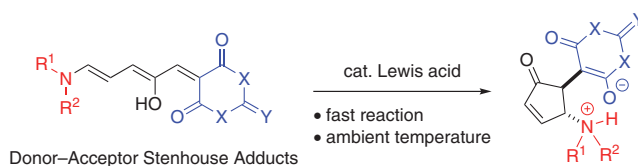
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Lewis Acid Catalyzed 4π-Electrocyclization of Donor–Acceptor Stenhouse Adducts

Paper

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Donor–Acceptor Stenhouse Adducts

Synthesis

Synthesis 2024, 56, 281–292
DOI: 10.1055/a-2193-4701

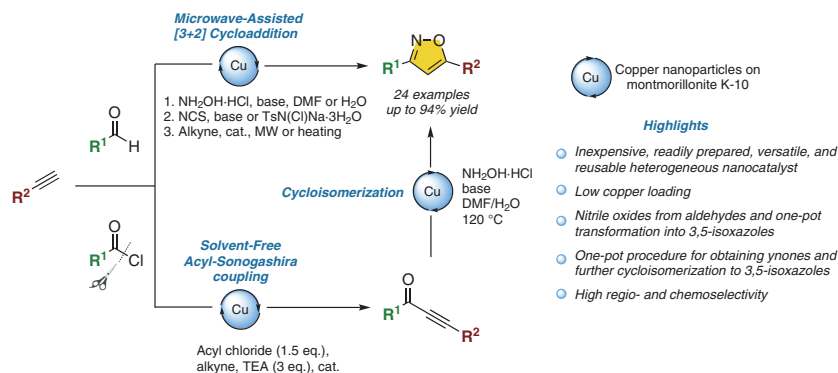
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Copper Nanoparticles on Montmorillonite K-10: A Versatile Catalyst for the One-Pot Synthesis of 3,5-Disubstituted Isoxazoles Using Various Methodologies

Paper

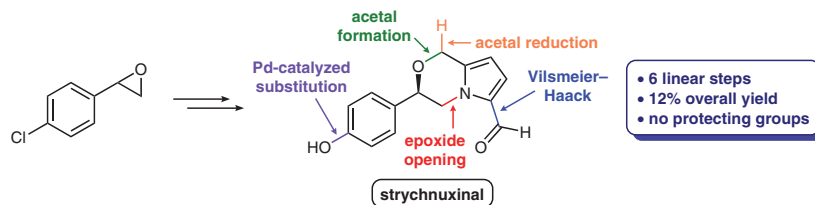
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Synthesis 2024, 56, 293–298
DOI: 10.1055/s-0043-1763603

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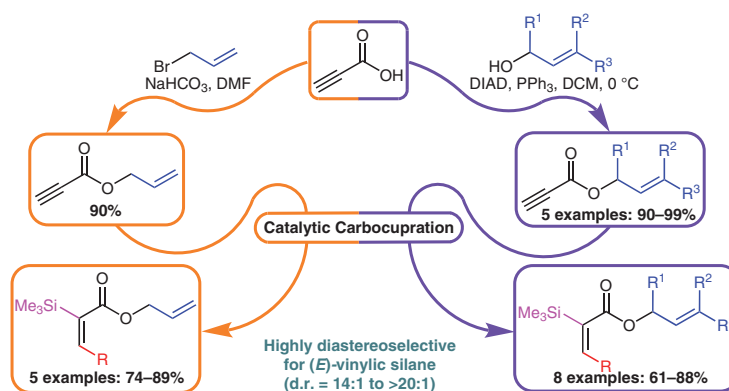
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Synthesis 2024, 56, 299–311
DOI: 10.1055/a-2186-6964

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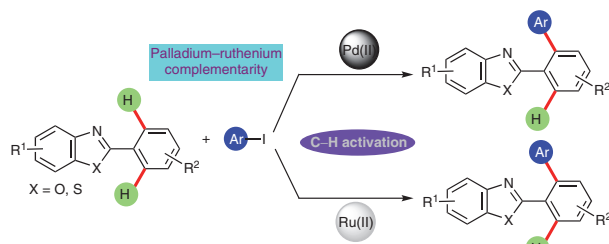
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Synthesis 2024, 56, 312–328
DOI: 10.1055/a-2193-4804

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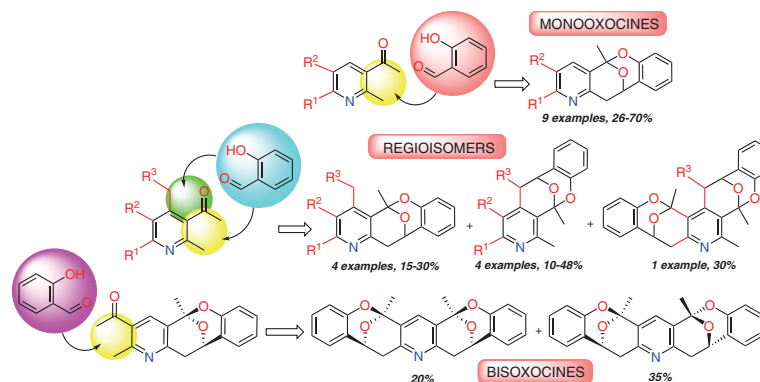
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- Benzoxazole/benzothiazole as innate/native DG
- Biosignificant scaffolds
- High degree of site selectivity
- Mono-arylation only
- High reaction rate
- Decent yields
- Functional group compatible
- Broad substrate scope, in particular electron-deficient iodoarenes
- Gram-scale synthesis

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Synthesis of New Structural Analogues of Natural Integrastatins with a Basic Epoxybenzo[7,8]oxocine Skeleton: Combined Experimental and Computational Study

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Examination of Diels–Alder/Tsuji–Trost Route towards Kopsia Alkaloids

