Revisiting the ‘Phenonium Phenomenon’: Regiodivergent Opening of Nonsymmetrical Phenonium Ions with Halide Nucleophiles

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Transition-Metal-Catalyzed Intermolecular C–H Carbonylation toward Amides

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New Dimensions of Brønsted Base Catalyzed Carbon–Carbon Bond-Forming Reactions

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C(sp³)–H Bond Functionalization of Alcohols, Ketones, Nitriles, Ethers and Amides using tert-Butyl Hydroperoxide as a Radical Initiator

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Taming Nitrene Reactivity with Silver Catalysts

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Synthesis of Optically Active Hydroxyalkyl Cycloheptatrienes: A Key Step in the Total Synthesis of 6,11-Methylene-LXB4

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Reductive Deuteration of Aromatic Esters for the Synthesis of α,α-Dideuterio Benzyl Alcohols Using D₂O as Deuterium Source

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Formal [5+3] Cycloaddition between Isatin-Based α-(Trifluoromethyl)imine Ylides and Vinylxiranes: Diastereoselective Access to Medium-Heterocycle-Fused Spirooxindoles

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Structural Insights into the TES/TFA Reduction of Differently Substituted Benzofurans: Dihydrobenzofurans or Bibenzyls?

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Cascade Access to Carboline Carboxylates from Indolyl Ketoximes and Acrylates via Palladium-Catalyzed C–H Bond Alkenylation/Annulation

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I2-Catalyzed Oxidative Coupling of Ketone Oximes and Dialkyl/Diarylphosphine Oxides

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Dual Roles of Rongalite: Reductive Coupling Reaction to Construct Thiosulfonates Using Sulfonyl Hydrazides

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**Abstract**

**Keywords**

- transition-metal-free
- operational simplicity
- without any toxic byproducts
- reduction–coupling pathway

**Scheme**

19 examples up to 91% yield

Potassium tert-Butoxide Promoted Synthesis of 4,5-Diaryl-2H-1,2,3-triazoles from Tosylhydrazones and Nitriles

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**Abstract**

**Keywords**

- azide-free and transition-metal-free
- gram-scale synthesis
- up to 98% yield with high purity
- homocoupling inhibited

**Scheme**

Synthesis of gem-Difluoroalkenes via a Sequence of Hydroboration and 1,2-Elimination of α,β-Unsaturated Carbonyls

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**Abstract**

**Keywords**

- hydroboration
- 1,2-elimination

**Scheme**