N-Heterocyclic Carbene-Organocatalyzed Arene Formation: Application in Atroposelective Synthesis of Polysubstituted Benzenes

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A Frustrated Lewis Pair Solution to a Frustrating Problem: Mono-Selective Functionalization of C–F Bonds in Di- and Trifluoromethyl Groups

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The Unique Bioorthogonal Chemistry of Isonitriles

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Synthesis of Aromatic and Aliphatic Di-, Tri-, and Tetrasulfonic Acids

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Mild, Efficient, and Highly Regioselective Synthesis of 2,6-Diodobenzaldehyde Derivatives

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Oxidative Rearrangement via 1,2-Aryl Migration using Hydroxy-(tosyloxy)iodobenzene in a Polar Aprotic Solvent

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Highly Efficient Chemoselective Synthesis of Pyrrolo[2,3-c]pyrazole Bearing Oxindole via Sequential Condensation–Michael Addition–Intramolecular Cyclization Reactions

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A New Family of Rigid Dienone Musks Challenges the Perceptive Range of the Human Olfactory Receptor OR5AN1

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Acetic Anhydride–Acetic Acid as a New Dehydrating Agent of Aldoximes for the Preparation of Nitriles: Preparation of 2-Cyanoglycals

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The Use of α-Diazo-γ-butyrolactams in the Büchner–Curtius–Schlotterbeck Reaction of Cyclic Ketones Opens New Entry to Spirocyclic Pyrrolidones

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Synthesis of Novel α,β-Unsaturated Sulfonic Acid Derivatives Containing Dithiocarbamate/Xanthate Groups by Ring Opening of an α,β-Unsaturated γ-Sultone

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Practical Approach for the Preparation of α-Keto Amides by Direct Aminocarbonylation of Carboxylic Esters with a Carbamoysilane

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Lanthanum(III) Trifluoromethanesulfonate Catalyzed Direct Synthesis of Ureas from N-Benzylxycarbonyl-, N-Allyloxycarbonyl-, and N-2,2,2-Trichloroethoxycarbonyl-Protected Amines

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Efficient Synthesis of 4H-3,1-Benzoxazine Derivatives via One-Pot Sequential Passerini-Azide/Palladium-Catalyzed Azide–Isocyanide Coupling/Cyclization Reaction

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Z.-Y. Mu
G. Yao
J.-A. Zhang
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A Versatile, Diels–Alder Reaction-Based Approach to Prenyleudesmane Diterpenoids: A Concise Total Synthesis of Sinupol

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Copper-Mediated Synthesis of Aryl α-Keto Amides from Epoxide Derivatives

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Pd(0)-Catalyzed Direct Inter- and Intramolecular C–H Functionalization of 4-Carboximidazoles

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Iodine-Catalyzed [3+2]-Cyclization of Substituted Benzyldienemalononitriles and Ethyl Glycinate Hydrochloride: Direct Access to 5-Amino-1H-pyrrole-2-carboxylates

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I₂ (0.2 equiv) DMF, 120 °C

20 examples 57–79%