Recent Advances in the Synthetic Chemistry of Bicyclo[1.1.1]pentane

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Manganese-Catalyzed Direct Olefination via an Acceptorless Dehydrogenative Coupling of Methyl Heteroarenes with Primary Alcohols

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Recent Applications of α-Carbonyl Sulfoxonium Ylides in Rhodium- and Iridium-Catalyzed C–H Functionalizations

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Synthesis of Functional Carbo-benzenes with Functional Properties: The C₂ Tether Key

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Structural Identification of Products from the Chloromethylation of Salicylaldehyde

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Direct Asymmetric α-Hydroxylation of Cyclic α-Branched Ketones through Enol Catalysis

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13 examples up to 98.5:1.5 er

Synthesis and Optoelectronic Properties of Iptycene–Naphthazarin Dyes

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Synthesis of Conformationally Locked and C-Linked Analogues of Imidazole-Based Ketene Dithioacetal Fungicides

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One-Pot Approach to Pyrido-4-phenanthridinones by Palladium-Catalyzed Annulation of 4-Quinolones with 2-Bromobenzyl Bromides

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Enantioselective Synthesis of 1- and 4-Hydroxytetrahydrocarbazoles through Asymmetric Transfer Hydrogenation

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Cesium Carbonate-Promoted P-Alkylation of Phosphinecarboxamides

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Gansu International Scientific and Technological Cooperation Base of Water-Retention Chemical Functional Materials, P. R. of China
**Synthesis of the Deacetoxytubuvaline Fragment of Pretubulysin and its Lipophilic Analogues for Enhanced Permeability in Cancer Cell Lines**

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P. Dudhe
V. Chelvam*
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**Regio- and Stereoselective Synthesis of Spirooxindoles via Mizoroki–Heck Coupling of Aryl Iodides**

A. Adeyemi
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**One-Pot Three-Component Synthesis of 2,4,5-Triaryl-1H-imidazoles in the Presence of a Molecular Sieve Supported Titanium Catalyst under Mild Basic Conditions**

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Toluene and its Derivatives as Atom-Efficient Benzylating Agents for Secondary Amines

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F. Lukas
M. Schnürch*
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C–Te Cross-Coupling of Diaryl Ditellurides with Arylboronic Acids by Using Copper(I) Thiophene-2-carboxylate under Mild Conditions

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Synthesis of Naphthoic Acids as Potential Anticancer Agents

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L. J. Whalen
D. L. Vander Jagt
R. E. Royer
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Copper-Catalyzed C(sp³)–H Azidation of 1,3-Dihydro-2H-indol-2-ones Under Mild Conditions

R₁ = H, OMe, Me, Cl, Br
R₂ = H, Me, Ph, 4-Tol
R₃ = H, Me, Bn, Ph, Boc

DDQ-Mediated Cross-Dehydrogenative-Coupling Reaction of Secondary Amines with Dialkyl Phosphonates

secondary amines
dialkyl H-phosphonates

Mild reaction condition • C–P bond formation • A gram-scale synthesis