Synthesis of Peripherally Arylated Tetrathiafulvalenes Extended with an Anthraquinoid Spacer via Pd-Catalyzed C–H Arylation and Construction of a Double-Helical Cobalt-Based Metal-Organic Framework

Recent Developments in Transition-Metal-Catalyzed Asymmetric Hydrogenation of Enamides

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Recent Advances in Catalytic Enantioselective Synthesis of Pyrazolones with a Tetrasubstituted Stereogenic Center at the 4-Position

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Recent Advances in Palladium-Catalyzed Bridging C–H Activation by Using Alkenes, Alkynes or Diazo Compounds as Bridging Reagents

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Cross-Coupling Reactions of Double or Triple Electrophilic Templates for Alkene Synthesis

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Deoxygenative Transition-Metal-Promoted Reductive Coupling and Cross-Coupling of Alcohols and Epoxides

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The Application of 4Å Molecular Sieves in Organic Chemical Syntheses: An Overview

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Biobased Spiroimides from Itaconic Acid and Formamides: Molecular Targets for a Novel Synthetic Application of Renewable Chemicals

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Aminocatalytic Synthesis of Uracil Derivatives Bearing a Bicyclo[2.2.2]octane Scaffold via a Doubly Cycloadditive Reaction Cascade

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Merocyanine Dyes with Extended Polymethine Chains by Simple Two-Step Condensation Sequence

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Synthesis of Peripherally Arylated Tetrathiafulvalenes Extended with an Anthraquinoid Spacer via Pd-Catalyzed C–H Arylation and Construction of a Double-Helical Cobalt-Based Metal-Organic Framework

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Synthesis, Spectral Characterization and Crystal Structure of Chlororhodibalamin: A Synthesis Platform for Rhodium Analogues of Vitamin B₁₂ and for Rh-Based Antivitamins B₁₂

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**Synthesis of Catenanes from a BMP32C10-Based Cryptand Tuned by the Linkage Length of Paraquat Salts**

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**One-Pot Synthesis of a Cyclic Pyrene Octamer from Two Bifunctionalized Pyrene Monomers**

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**An Efficient Synthesis of Functionalized 2H-1,3,5-Oxadiazines via Metal-Carbenoid-Induced 1,2,4-Oxadiazole Ring Cleavage**

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First Total Synthesis and Investigation of the X-ray Crystal Structure of the Pyrano[3,2-\(\alpha\)]carbazole Alkaloid Clausenalansine A

Paper

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A Domino Reaction for the Synthesis of Novel 1,3-Dihydrofuro-[3,4-c]pyridines from Pyridoxal and Ketones

Paper

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2-Carbamimidoylbenzoic Acid as a New Effective and Available Precursor for the Synthesis of Substituted 2-(Pyrimidin-2-yl)-benzoic Acids

Paper

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Palladium-Catalyzed Cross-Coupling Reactions of 4-Tosyloxyquinazolines with Indoles: An Efficient Approach to 4-(1H-Indol-1-yl)quinazolines

\[
\begin{align*}
\text{N} & \quad \text{N} \\
& \quad \text{N} \\
& \quad \text{N} \\
& \quad \text{N} \\
\end{align*}
\]

\[
\begin{align*}
\text{N} & \quad \text{N} \\
& \quad \text{N} \\
& \quad \text{N} \\
& \quad \text{N} \\
\end{align*}
\]

X. Ye
J. Huang
Z. Deng
J. Yuan
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Jiangxi Normal University,
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26 examples

\[
\begin{align*}
\text{Pd(TFA)}_2 (5 \text{ mol\%}) \\
\text{SPhos} (10 \text{ mol\%}) \\
\text{K}_2\text{CO}_3 (2 \text{ equiv}) \\
toluene, 110 ^\circ\text{C}
\end{align*}
\]