



Tetrahedron Vol. 69, Issue 15, 2013

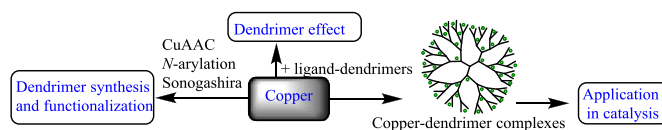
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Copper in dendrimer synthesis and applications of copper–dendrimer systems in catalysis: a concise overview

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Nabil El Brahmī, Saïd El Kazzouli*, Serge Mignani, Mosto Bousmina, Jean Pierre Majoral*

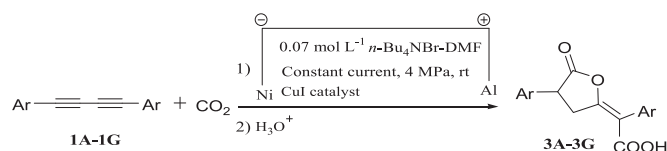


ARTICLES

Copper-catalyzed electrochemical synthesis of alkylidene lactones from carbon dioxide and 1,4-diarylbuta-1,3-dienes

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Chuan-Hua Li, Gao-Qing Yuan*, Chao-Rong Qi, Huan-Feng Jiang*



1A: Ar=Ph; **1B:** Ar=*p*-Me-C₆H₄
1C: Ar=*m*-Me-C₆H₄; **1D:** Ar=*o*-Me-C₆H₄
1E: Ar=*p*-(*t*-Bu)-C₆H₄; **1F:** Ar=*p*-F-C₆H₄
1G: Ar=*o*-F-C₆H₄

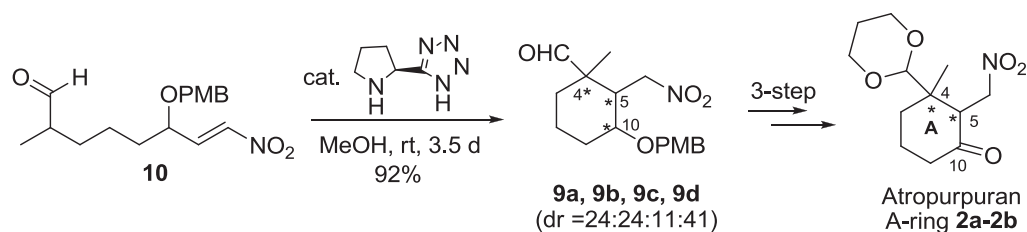
Yields: 38%–80%



Synthesis of the atropurpuran A-ring via an organocatalytic asymmetric intramolecular Michael addition

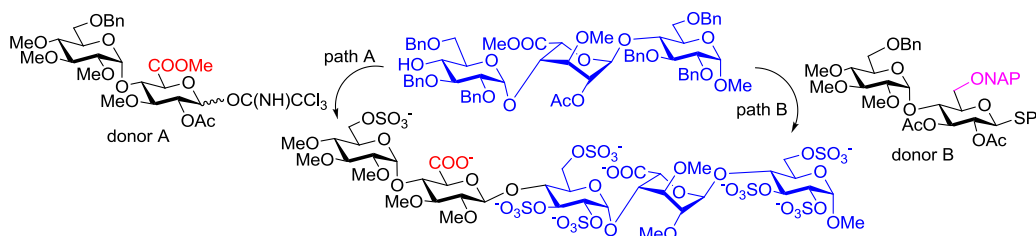
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Huan Chen, Dan Zhang*, Fei Xue, Yong Qin


Novel syntheses of Idraparinux, the anticoagulant pentasaccharide with indirect selective factor Xa inhibitory activity

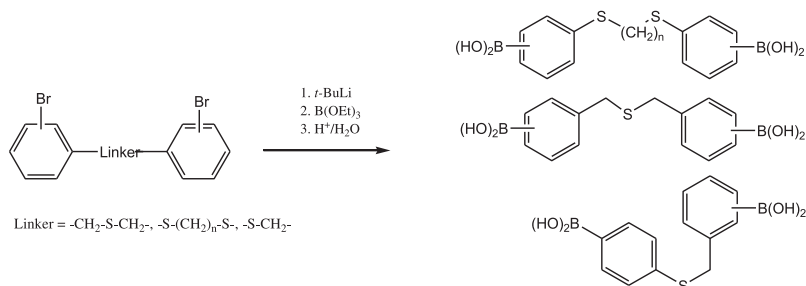
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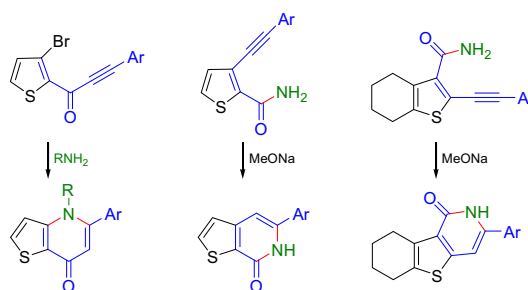
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Marek Dąbrowski, Krzysztof Durka, Tomasz Kliś*, Janusz Serwatowski, Krzysztof Woźniak


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Viktor O. Iaroshenko*, Sajid Ali, Tariq Mahmood Babar, Muhammad S.A. Abbasi, Vyacheslav Ya Sosnovskikh, Alexander Villinger, Andrey Tolmachev, Peter Langer



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