



## Tetrahedron Vol. 69, Issue 3, 2013

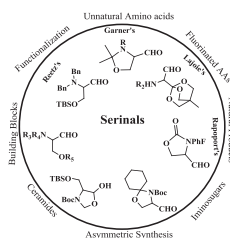
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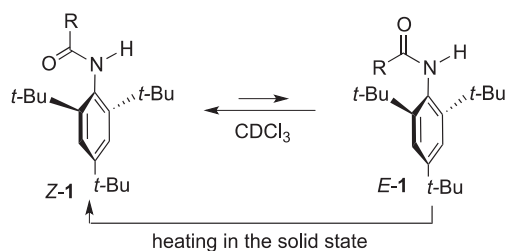


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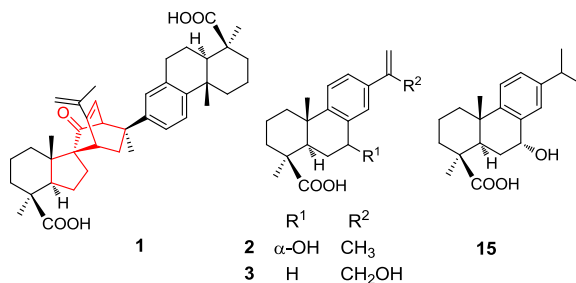
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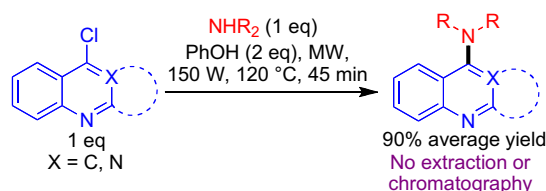
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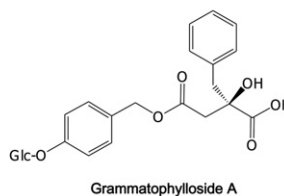
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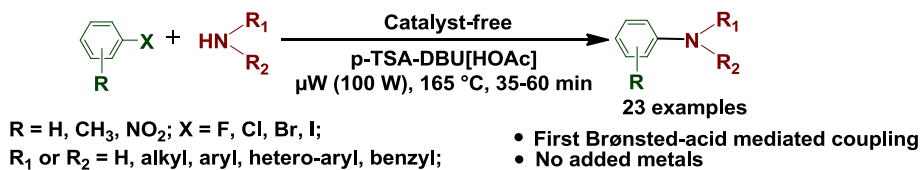
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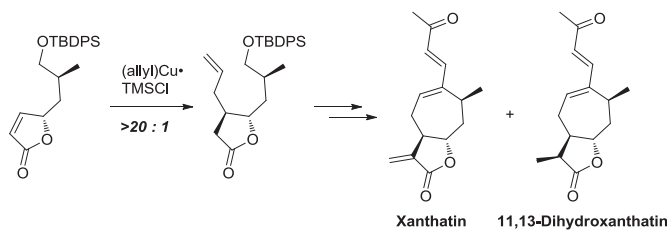
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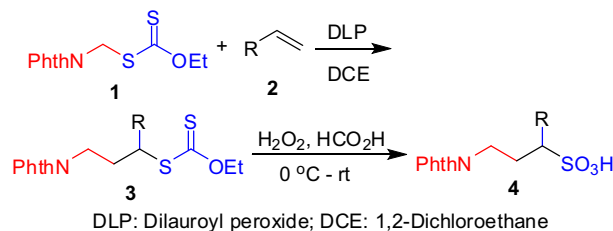
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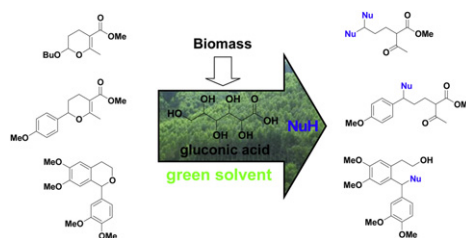
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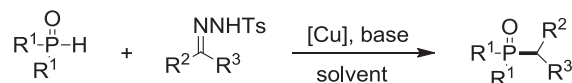
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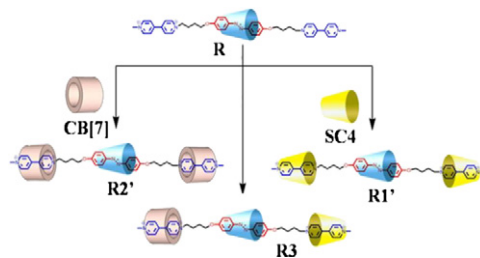
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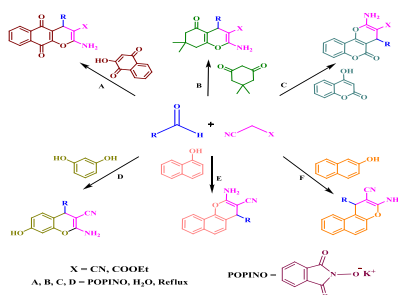
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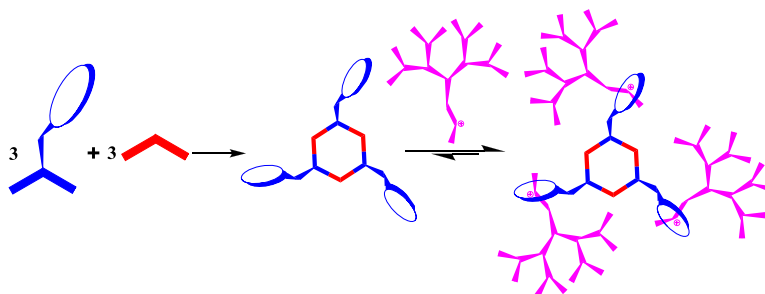
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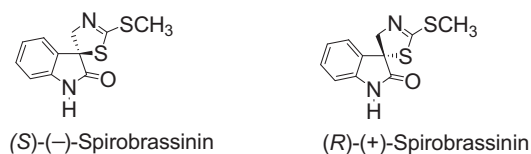
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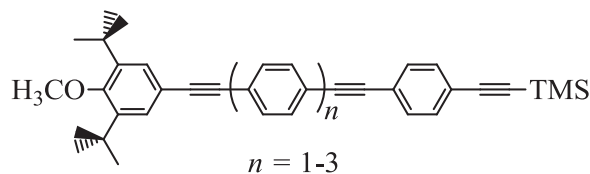
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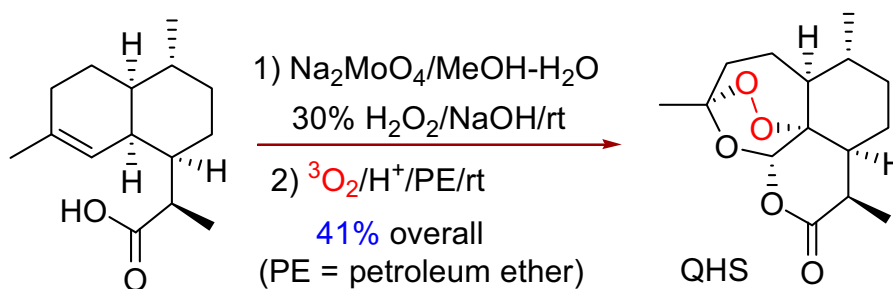
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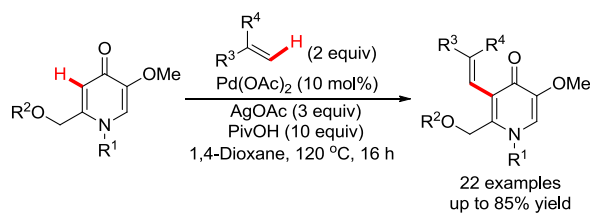
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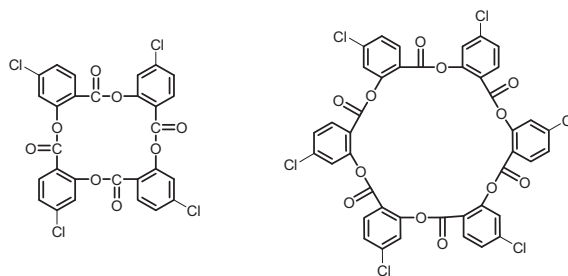
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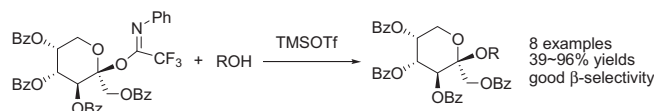
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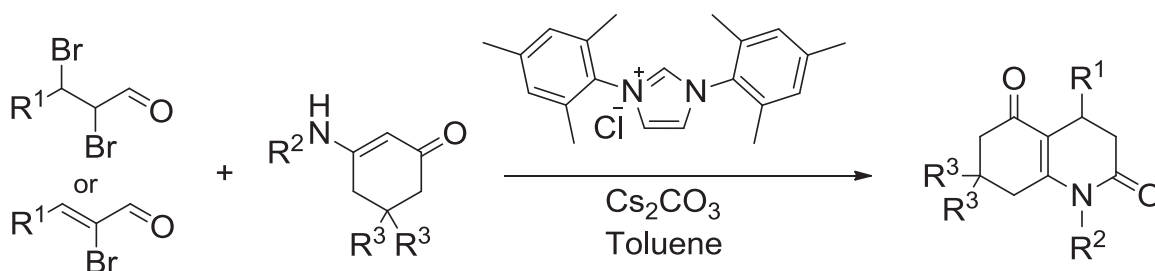
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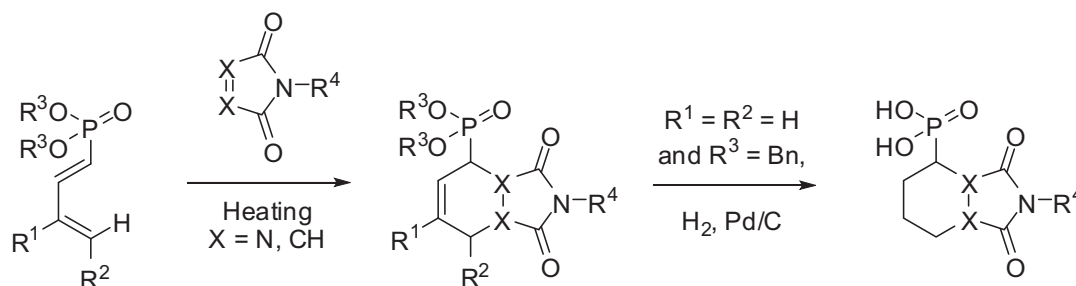
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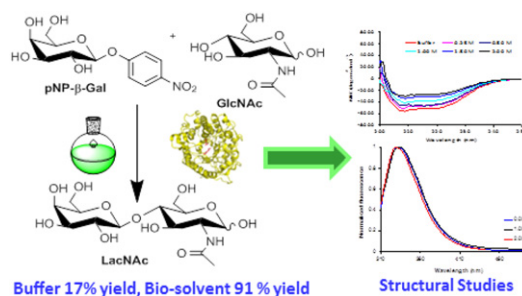
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Manuel Sandoval, Concepción Civera, José Berenguer, Francisco García-Blanco, María J. Hernaiz\*

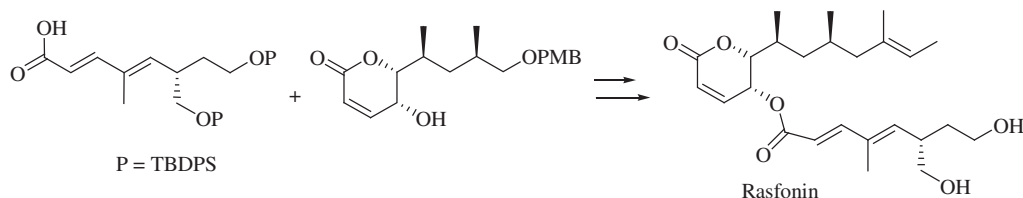
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**Asymmetric total synthesis of (–)-rasfonin**

Rajib Bhuniya, Samik Nanda\*

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**Acidic-functionalized ionic liquid as an efficient, green, and metal-free catalyst for benzylation of sulfur, nitrogen, and carbon nucleophiles to benzylic alcohols**

Xue-Qiang Chu, Ran Jiang, Yi Fang, Zheng-Yang Gu, Hua Meng, Shun-Yi Wang\*, Shun-Jun Ji\*

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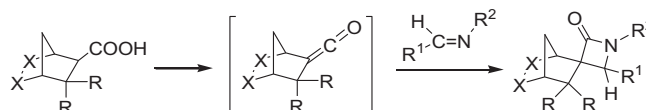
Three different types of nucleophiles  
NuH= benzothiazole-2-thiol, aromatic amine,azole compound, indoles.  
ROH= benzylic alcohols.



**Stereoselective synthesis of constrained norbornane-derived spiro-β-lactams**

Giuseppe Cremonesi\*, Piero Dalla Croce, Alessandra Forni, Concetta La Rosa

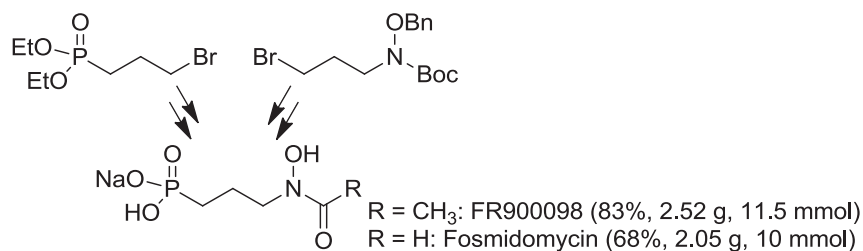
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Suriseti Suresh, Dharavath Shyamraj, Mats Larhed\*

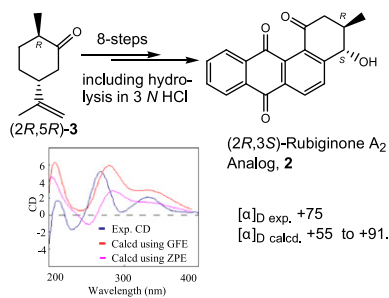
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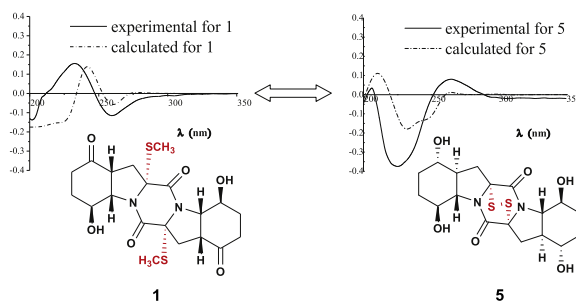
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Bei-Dou Zhou, Jie Ren, Xin-Chun Liu\*, Hua-Jie Zhu\*


**Study on absolute configurations of α/α' chiral carbons of thiodiketopiperazines by experimental and calculated circular dichroism spectra**

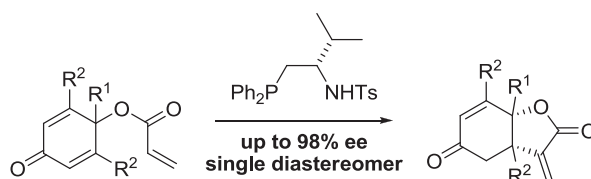
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Jia-ming Wang, Nan Jiang, Jing Ma\*, Shi-shan Yu\*, Ren-xiang Tan, Jun-gui Dai, Yi-kang Si, Guang-zhi Ding, Shuang-gang Ma, Jing Qu, Lei Fang, Dan Du


**Facile synthesis of α-methylidene-γ-butyrolactones: intramolecular Rauhut–Currier reaction promoted by chiral acid–base organocatalysts**

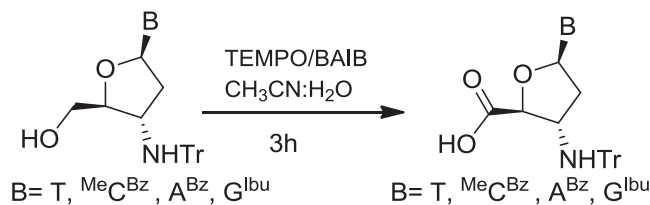
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Shinobu Takizawa, Tue Minh-Nhat Nguyen, André Grossmann, Michitaka Suzuki, Dieter Enders, Hiroaki Sasai\*


**Synthesis of all four nucleoside-based β-amino acids as protected precursors for the synthesis of polyamide-DNA with alternating α-amino acid and nucleoside-β-amino acids**

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Seema Bagmare, Manojkumar Varada, Anjan Banerjee, Vaijayanti A. Kumar\*

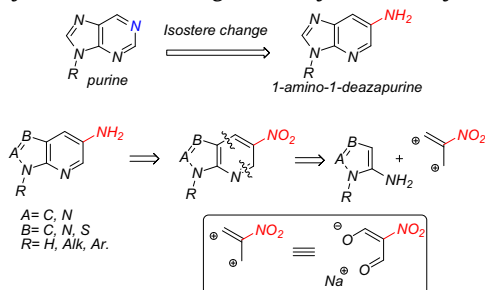




**Design, synthesis and transformation of some heteroannulated 3-aminopyridines—purine isosteres with exocyclic nitrogen atom**

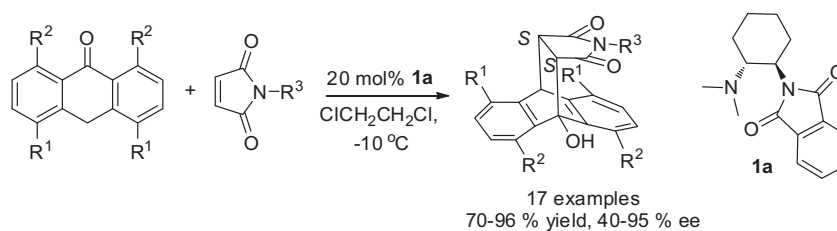
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Viktor O. Iaroshenko\*, Marcelo Vilches-Herrera, Ashot Gevorgyan, Satenik Mkrtchyan, Knar Arakelyan, Dmytro Ostrovskiy, Muhammad S.A. Abbasi, Linda Supe, Ani Hakobyan, Alexander Villinger, Dmitriy M. Volochnyuk, Andrei Tolmachev

**Enantioselective Diels–Alder reaction of anthrone and maleimide catalyzed by a simple chiral tertiary amine**

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Jian-Fei Bai, Yun-Long Guo, Lin Peng, Li-Na Jia, Xiao-Ying Xu\*, Li-Xin Wang\*

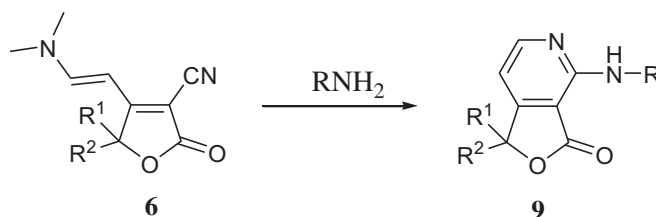


Simple chiral tertiary amines with a special imide skeleton were first successfully applied to catalyze the enantioselective D–A reaction of anthrones and maleimides in excellent yields (up to 96%) and enantioselectivities (up to 95% ee).

**A serendipitous conversion of enamino-lactone nitriles with primary amines: a new synthesis of substituted 2-aminopyridine derivatives**


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Nawel Cheikh, Didier Villemin\*, Nathalie Bar, Jean-François Lohier, Nourredine Choukchou-Braham, Bachir Mostefa-Kara, Jana Sopkova



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\*Corresponding author

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ISSN 0040-4020