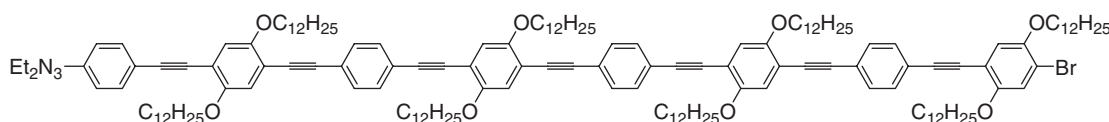


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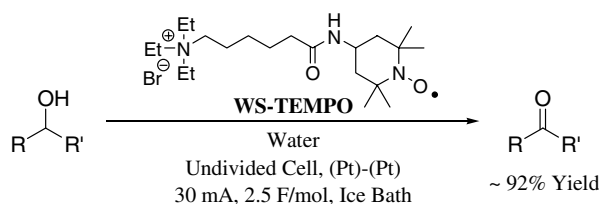
A novel in situ deprotection/coupling and iterative divergent/convergent strategy for the synthesis of oligo(1,4-phenyleneethynylene)s is described.



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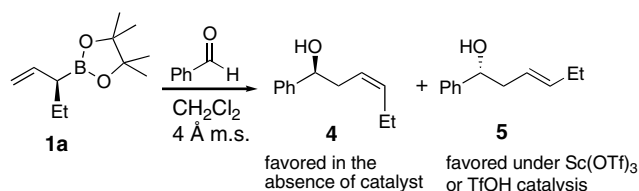
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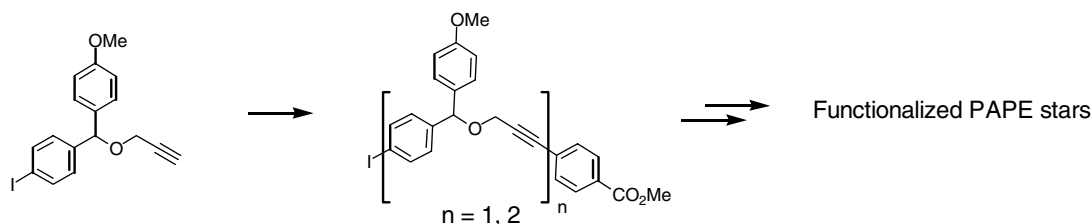
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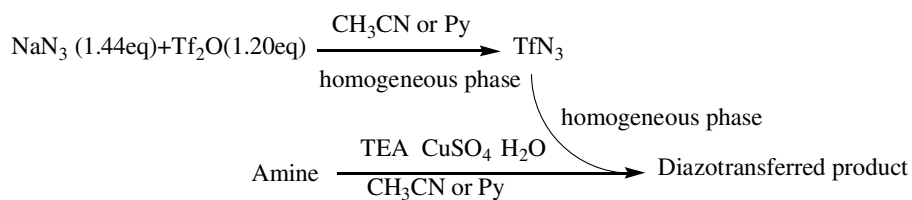
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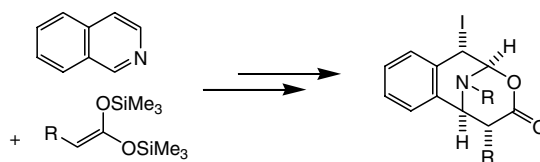
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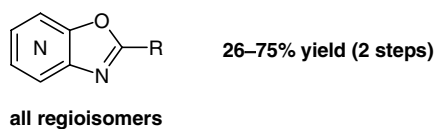
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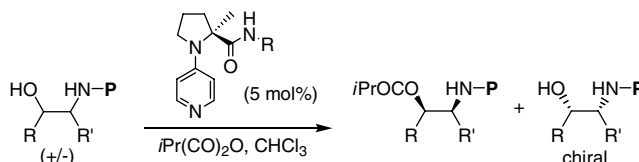
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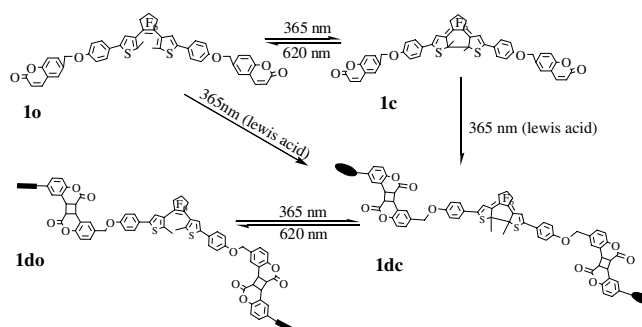
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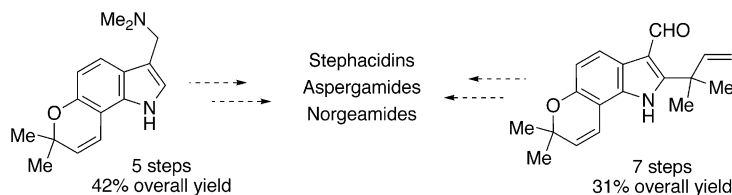
Shuzhang Xiao, Tao Yi,\* Fuyou Li and Chunhui Huang\*

A photochromic diarylethene complex containing coumarin moiety was synthesized. The dimerization of coumarin groups and the photochromism of diarylethene can be controlled respectively to produce four corresponding states. This gives a unique example for the controllable switch of both optical properties and chemical composition by light and chemical stimuli.

**Concise syntheses of the 1,7-dihydropyrano[2,3-g]indole ring system of the stephacids, aspergamides and norgeamides**

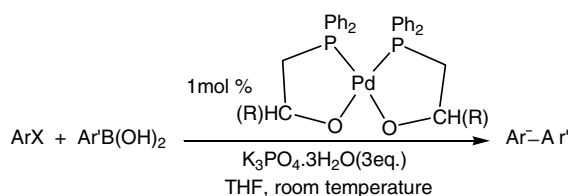
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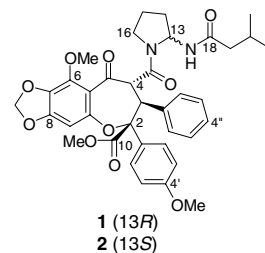


**Edulisones A and B, two epimeric benzo[*b*]oxepine derivatives from the bark of *Aglaia edulis***

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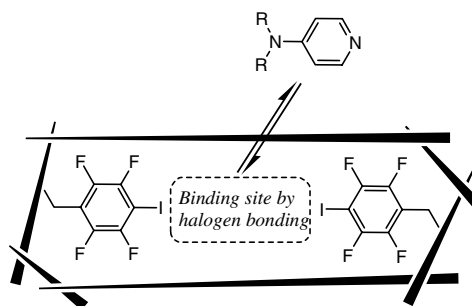
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Two benzo[*b*]oxepine derivatives, edulisones A (**1**) and B (**2**), were isolated from the bark of *Aglaia edulis*, collected in Indonesia. The structures of compounds **1** and **2** were determined by spectroscopic data interpretation as well as by chemical transformation.

**Molecularly imprinted polymers with halogen bonding-based molecular recognition sites**

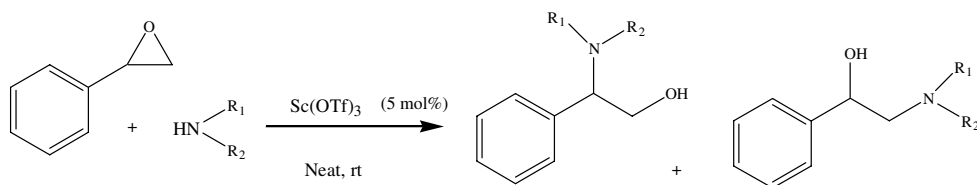
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**Scandium triflate as an efficient and useful catalyst for the synthesis of  $\beta$ -amino alcohols by regioselective ring opening of epoxides with amines under solvent-free conditions**

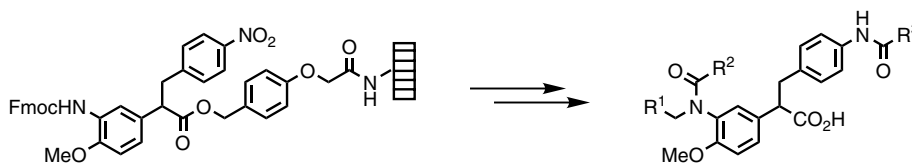
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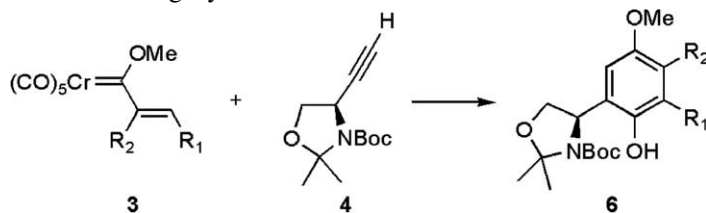
Yoichiro Hoshina,\* Satoru Ikegami, Kyoko Fujimoto, Akihiko Okuyama, Tatsuhiro Harada, Susan James, Peter G. Griffiths, Zemin Wu, Michael Lilly and Andrew M. Bray



**Synthesis of arylglycines via the Dötz benzannulation reaction**

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Shon R. Pulley, Barbara Czako\* and Gregory D. Brown

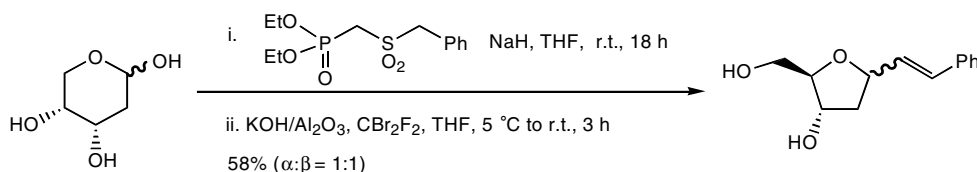


Arylglycines are biologically active  $\alpha$ -amino acids. Our approach toward the synthesis of arylglycines features the Dötz benzannulation reaction between a variety of Fischer chromium carbene complexes **3** and alkyne **4** derived from L-serine. This leads to the formation of protected arylglycinols **5**, which can be transformed to the corresponding N-protected arylglycines.

**A protecting group-free approach to C-glycosides using the Ramberg–Bäcklund reaction**

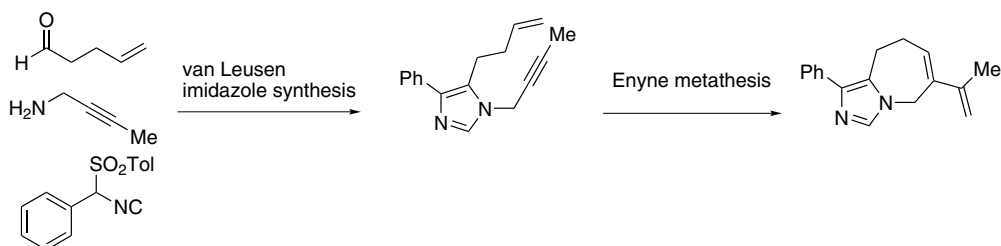
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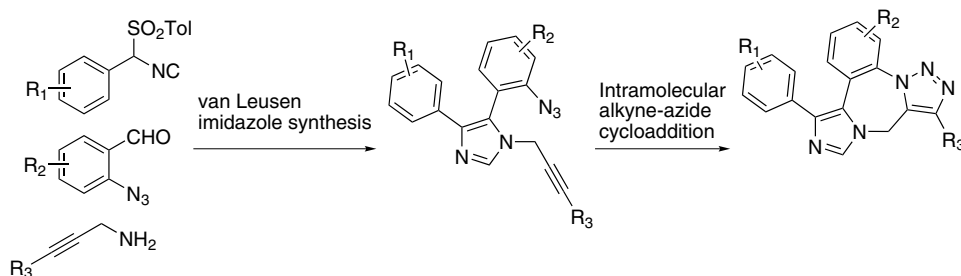
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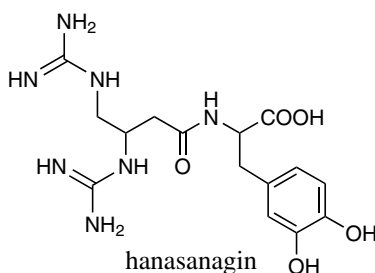
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Akira Sakakura, Kouichi Suzuki, Hirotaka Katsuzaki, Takashi Komiya, Toshikatsu Imamura, Yasuo Aizono and Kunio Imai\*

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①\* Supplementary data available via ScienceDirect

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