



## Tetrahedron Vol. 67, Issue 18, 2011

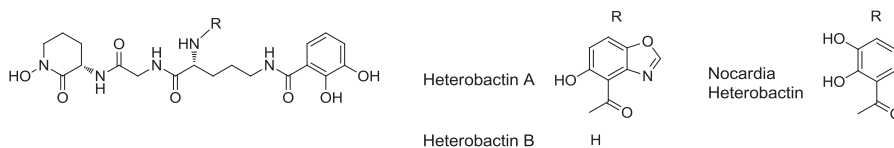
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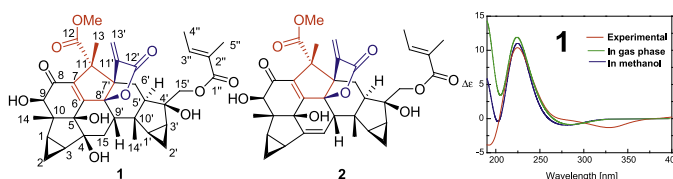
Raymond J. Bergeron\*, Shailendra Singh, Neelam Bharti

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Sarcanolides A and B: two sesquiterpenoid dimers with a nonacyclic scaffold from *Sarcandra hainanensis*

Xiu-Feng He, Sheng Zhang, Rong-Xiu Zhu, Sheng-Ping Yang, Tao Yuan, Jian-Min Yue\*

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Two novel lindenane-type sesquiterpenoid dimers, sarcanolides A (**1**) and B (**2**), were isolated from the whole plants of *Sarcandra hainanensis*. These compounds feature a new nonacyclic scaffold in which the bond formation of C-11–C-7' imposed the five-membered lactone ring in a full  $\beta$ -direction. Their structures, including the absolute configuration, were determined by NMR analysis, CD exciton chirality method, and ECD calculation.



**Highly selective recognition of monosaccharide based on two-component system in aqueous solution**

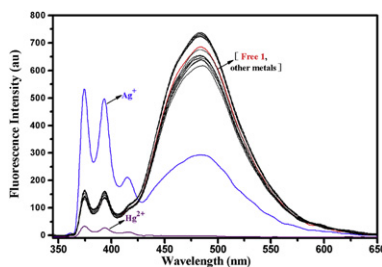
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Liheng Feng\*, Yue Wang, Fei Liang, Ming Xu, Xiaoju Wang\*

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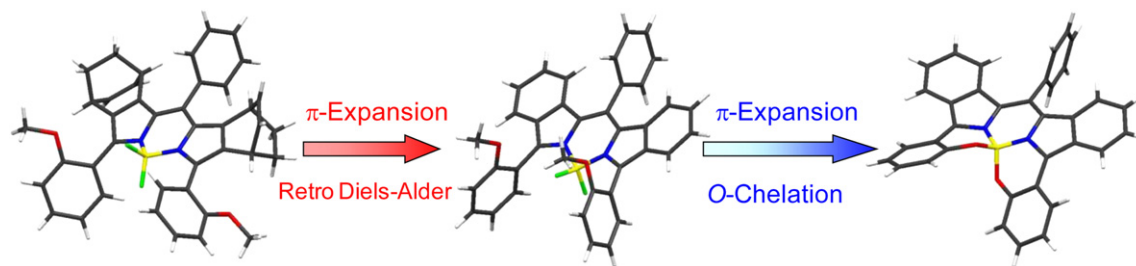
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Xuechao Liu, Xia Yang, Yong Fu, Chengjian Zhu\*, Yixiang Cheng\*

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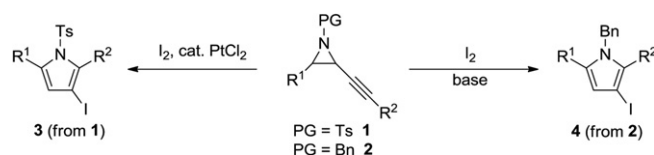
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Yuya Tomimori, Tetsuo Okujima\*, Tomoko Yano, Shigeki Mori, Noboru Ono, Hiroko Yamada, Hidemitsu Uno

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Masahiro Yoshida\*, Salina Easmin, Mohammad Al-Amin, Yuuki Hirai, Kozo Shishido



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