

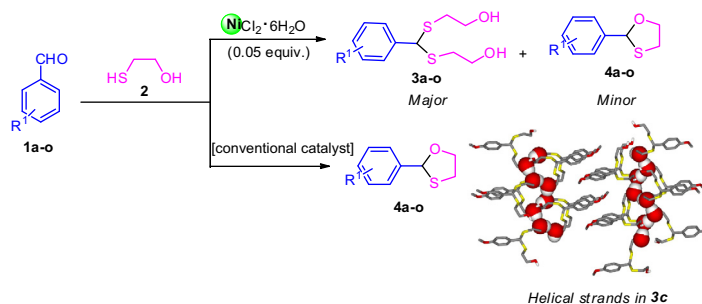
Tetrahedron Letters Vol. 54, Issue 44, 2013

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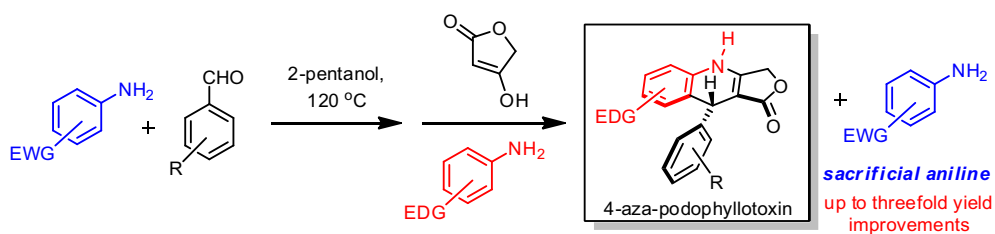
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Rajibul A. Laskar, Naznin A. Begum, Mohammad Hedayetullah Mir, Md. Rumum Rohman, Abu T. Khan\*



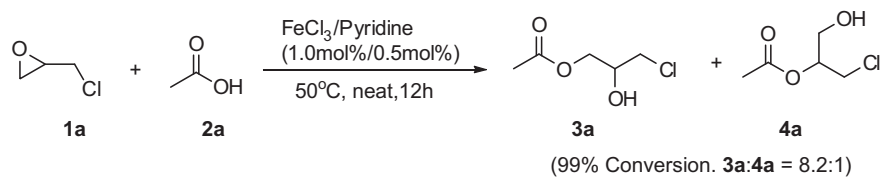
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Nagalakshmi Jeedimalla, Jennifer Johns, Stéphane P. Roche\*



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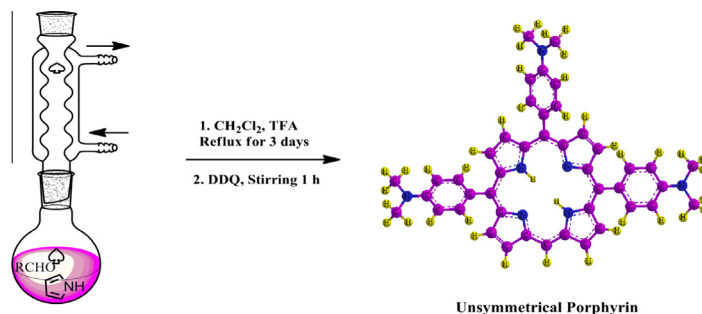
Yichao Zhao, Wen Wang, Jian Li, Feng Wang, Xiufang Zheng, Hongying Yun, Weili Zhao, Xiaochun Dong\*



**Unexpected one-pot synthesis of A<sub>3</sub>-type unsymmetrical porphyrin**

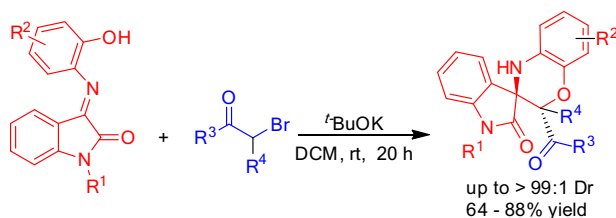
pp 5853–5856

Mian HR Mahmood, Hai-Yang Liu\*, Hua-Hua Wang, Yi-Yu Jiang, C.-K. Chang\*

**Construction of functionalized spiro 1,4-benzoxazine oxindole derivatives via domino Mannich-alkylation of  $\alpha$ -halocarbonyl compounds with imines**

pp 5857–5860

Xiao Huang, Ya-Ru Zhang, Xin-Sheng Li, Dong-Cheng Xu, Jian-Wu Xie\*

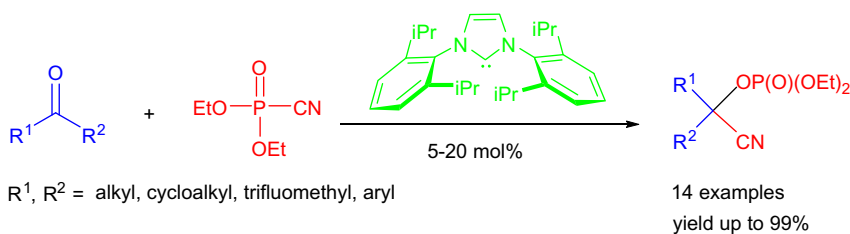


A series of functionalized spiro 1,4-benzoxazine oxindole derivatives were obtained in moderate to good yields via a domino Mannich-alkylation of  $\alpha$ -halocarbonyl compounds with imines under mild conditions.

**N-heterocyclic carbenes mediated cyano-phosphorylation of ketones**

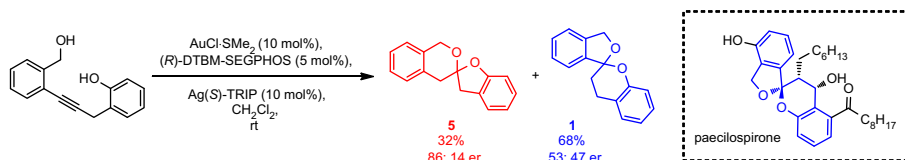
pp 5861–5864

Lin He\*, Jing Zhang, Ye-Cheng Fan, Guang-Fen Du\*, Jie Zhang, Bin Dai\*

**Synthesis of benzannulated spiroacetals using chiral gold–phosphine complexes and chiral anions**

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Rachelle Quach, Daniel P. Furkert, Margaret A. Brimble\*



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