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# Tetrahedron Letters

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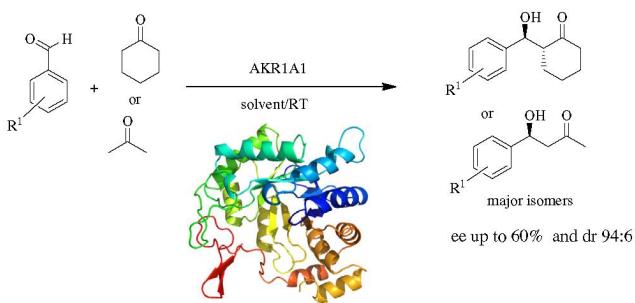
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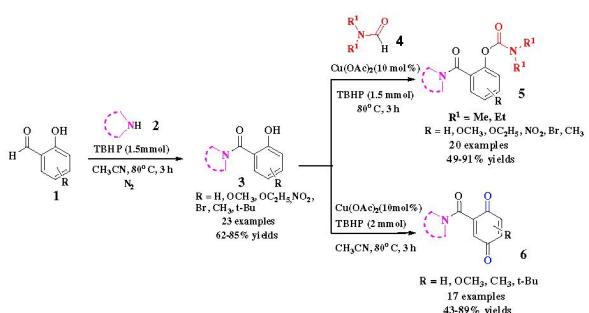
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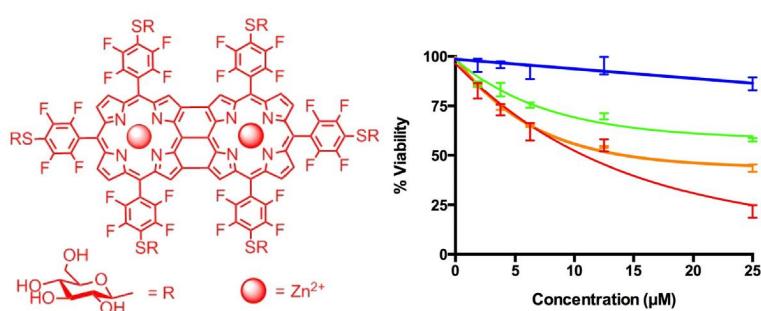
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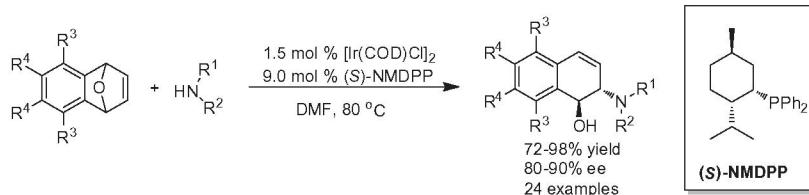
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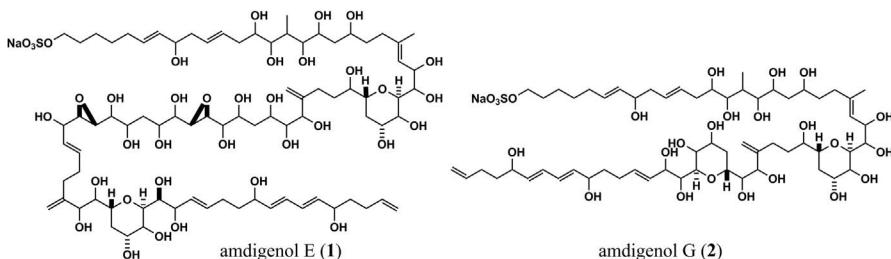
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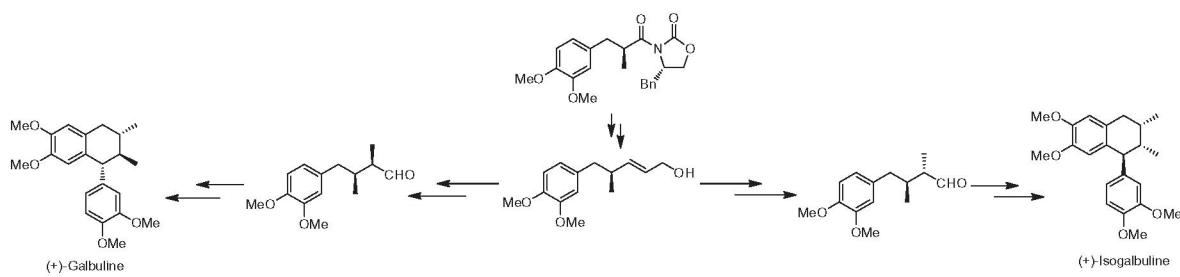
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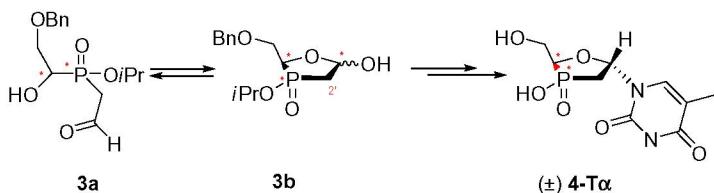
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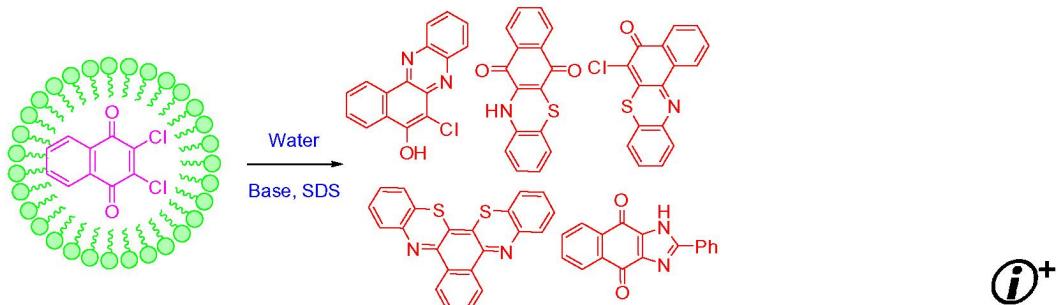
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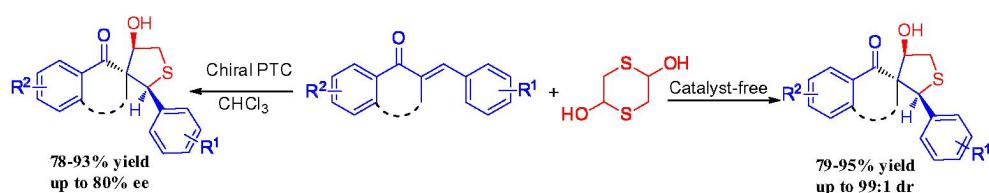
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Jian-Jun Liang, Jin-Yun Pan, Dong-Cheng Xu, Jian-Wu Xie\*

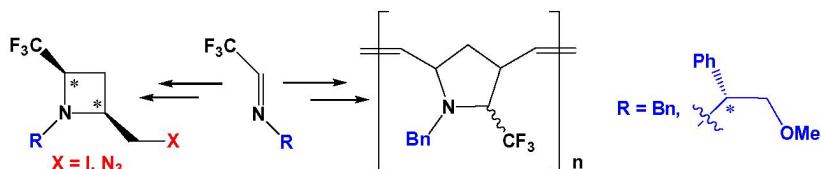


A series of polyheterocyclic spirotetrahydrothiophene derivatives were obtained in moderate to excellent yields via a catalyst-free sulfa-Michael/aldol cascade reaction of chalcones **1** and commercially available 1,4-dithiane-2,5-diol **2** under mild conditions. We also present the first asymmetric sulfa-Michael/aldol cascade reaction of chalcones **1** and commercially available 1,4-dithiane-2,5-diol **2** with moderate to good enantioselectivities catalyzed by readily available chiral phase-transfer catalysts (PTCs).

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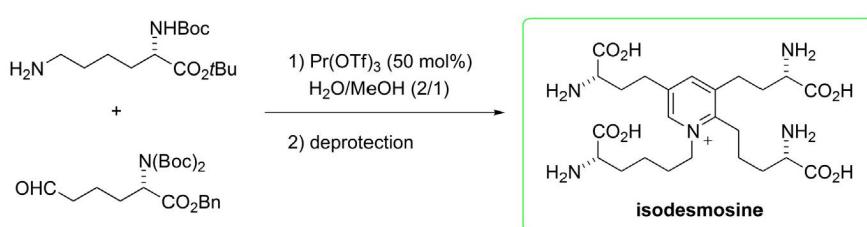
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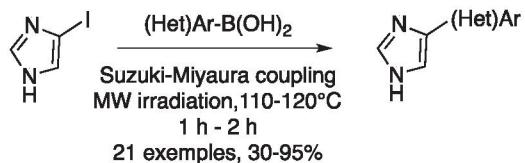
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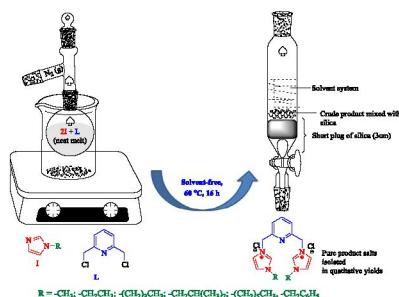
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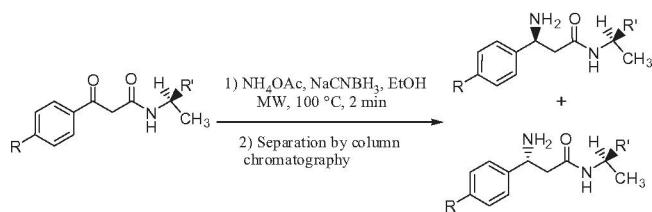
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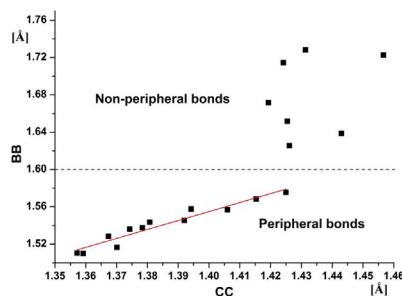
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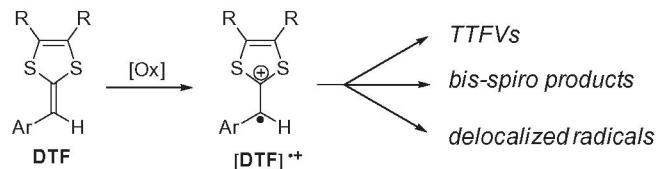
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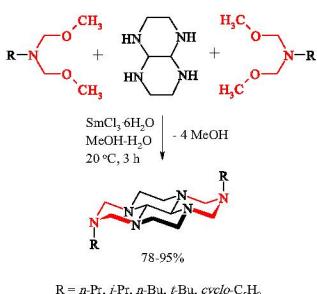
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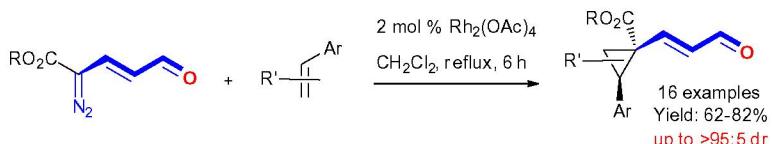
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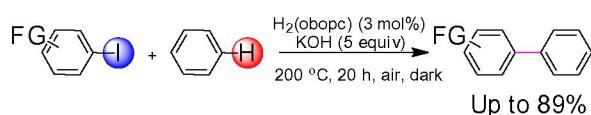
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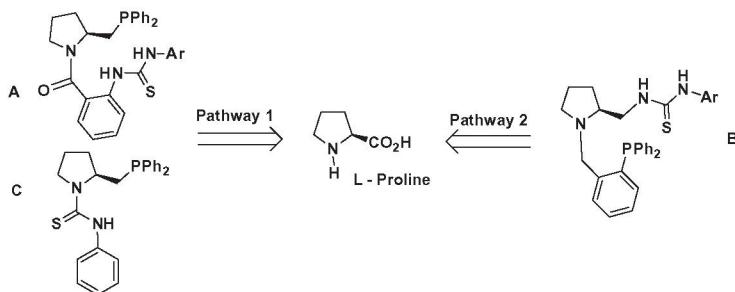
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Thi-Huong Nguyen, Martial Toffano\*, Chloée Bournaud, Giang Vo-Thanh\*



\*Corresponding author

(i)<sup>+</sup> Supplementary data available via ScienceDirect

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