

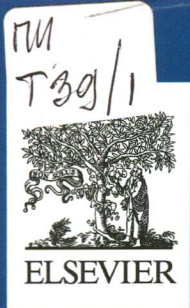
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# Tetrahedron Letters

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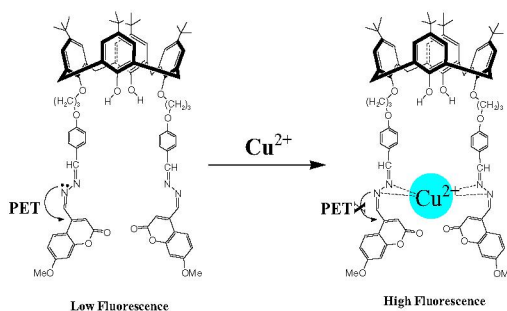
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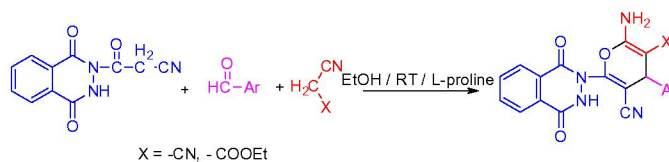
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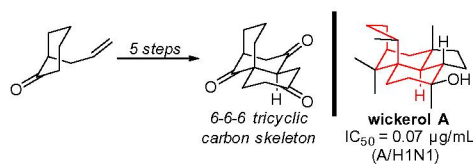
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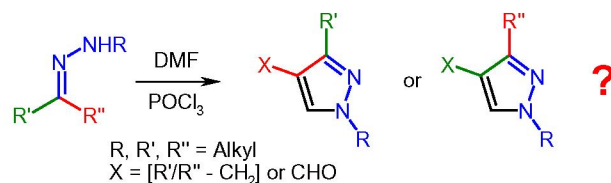
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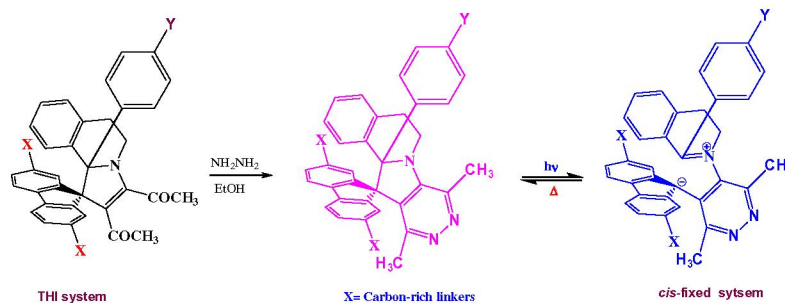
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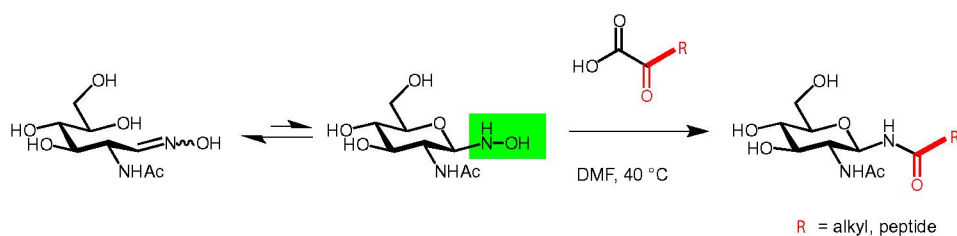
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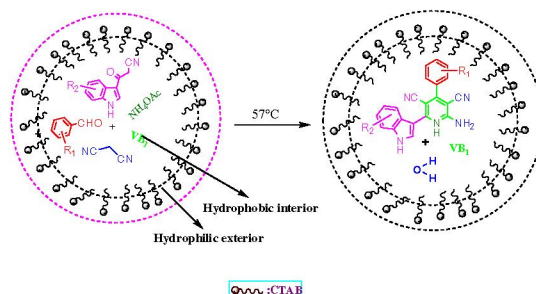
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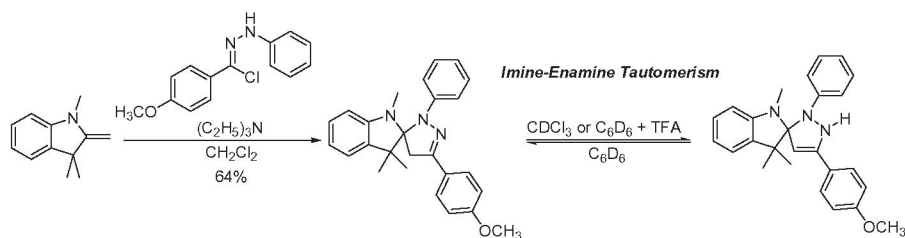
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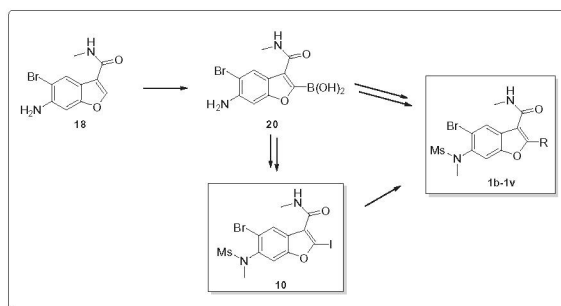
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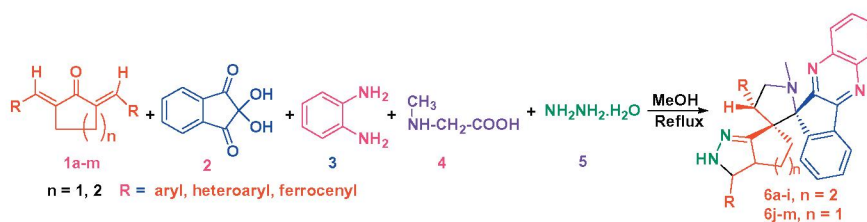
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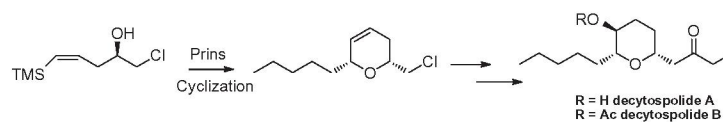
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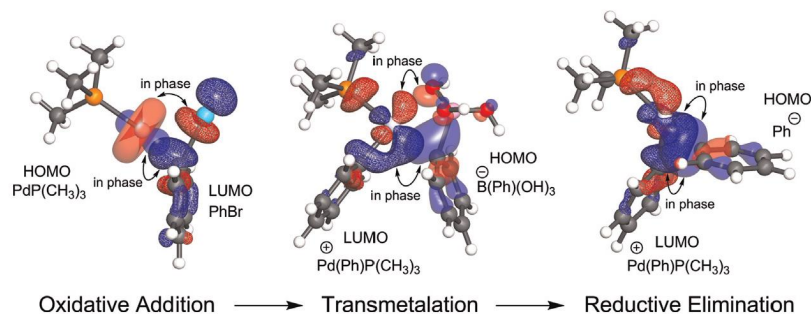
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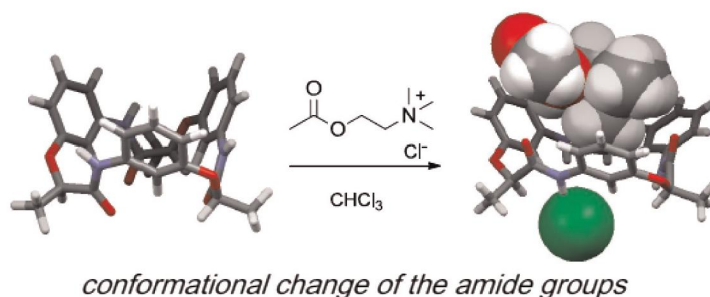
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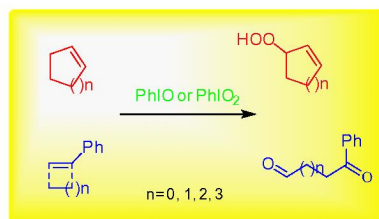
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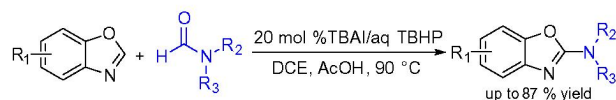
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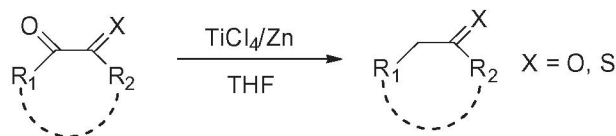
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Wei Lin, Ming-Hua Hu, Xian Feng, Lei Fu, Cheng-Pao Cao, Zhi-Bin Huang\*, Da-Qing Shi\*

**The direct C–H halogenations of indoles**

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Leilei Shi, Dongmei Zhang, Riyuan Lin, Chun Zhang, Xun Li\*, Ning Jiao\*

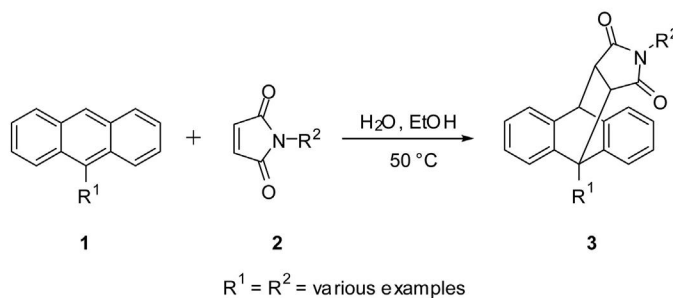


A novel and efficient transition metal-free C–H bond halogenation of indole derivatives has been developed. 3-Halogenated (3-Br, 3-I) indoles are highly regioselectively produced by this protocol. Simple and readily available halide salts (TBAB, KI) are employed as the halogen source. The transition metal-free and the mild conditions make this protocol very easy to handle and practical.

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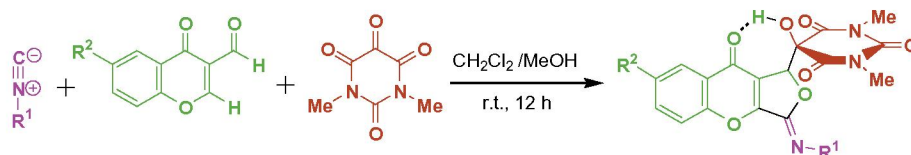
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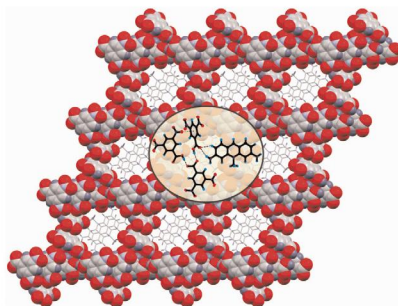
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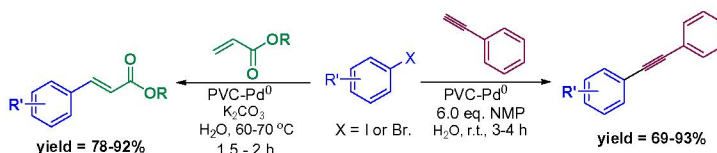
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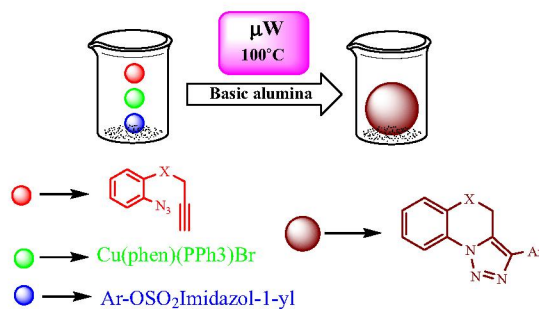
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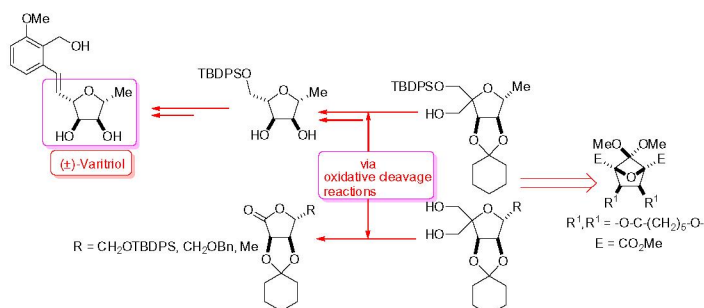
Basavaprabhu\*, M. Samarasimhareddy, Girish Prabhu, Vommina V. Sureshbabu\*


**An approach toward the syntheses of triazolo benzoxazines, triazolo quinoxalines, triazolo benzodiazepines, triazolo benzoxazepines, and triazolo benzothiazines via a simple and convenient protocol using basic alumina as solid support**

Nivedita Chatterjee, Swarbhanu Sarkar, Rammyani Pal, Asish Kumar Sen\*


**Synthesis of the tetrahydrofuran unit of varitriol and  $\gamma$ -butyrolactones from 5-oxabicyclo[2.1.1]hexane derivative via oxidative cleavage reactions**

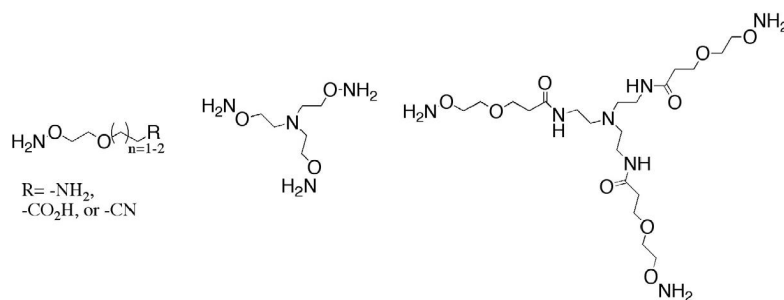
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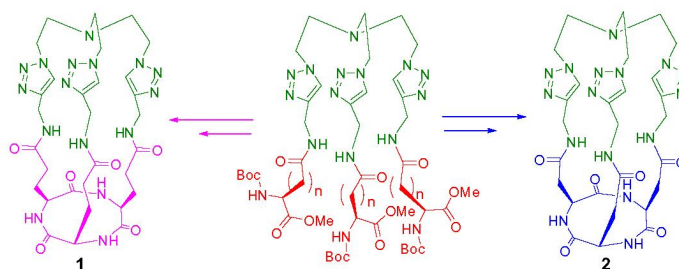
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Katherine D. McReynolds\*, Dustin Dimas, Hoang Le

**Synthesis of triazole cages containing C<sub>3</sub>-symmetric  $\alpha$ -cyclic tripeptide scaffold**

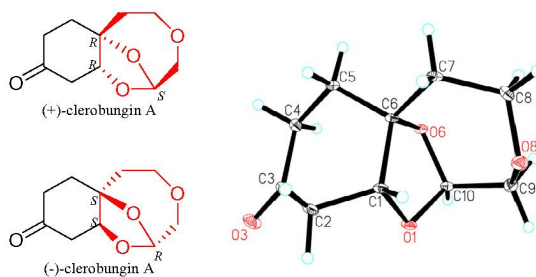
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Subrata Chakraborty, Dar-Fu Tai\*

**A pair of unprecedented cyclohexylethanoid enantiomers containing unusual trioxabicyclo[4.2.1]nonane ring from *Clerodendrum bungei***

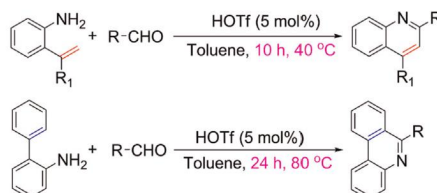
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Hucheng Zhu, Lijun Huan, Chunmei Chen, Jing Yang, Jiangbo He, Yong Chen, Guangmin Yao, Zengwei Luo, Yongbo Xue\*, Yonghui Zhang\*

**Bronsted acid-mediated reactions of aldehydes with 2-vinylaniline and biphenyl-2-amine**

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Xu Zhang\*, Xuefeng Xu, Lintao Yu, Qiang Zhao



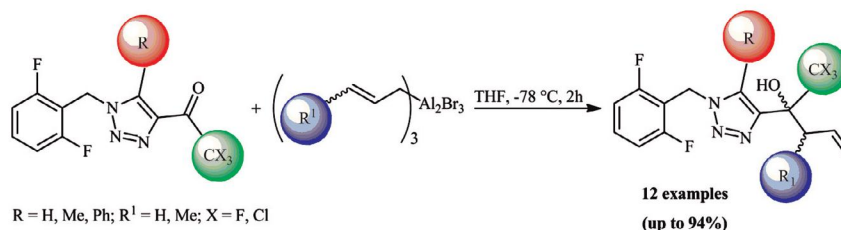
Herein we report that simple Bronsted acid-mediated reactions of aldehydes with 2-vinylaniline and biphenyl-2-amine. Ultimately, the useful nitrogen-containing heterocycle derivatives are obtained. The electronic properties of the substituents on the aldehydes and 2-vinylaniline were investigated. It was found that molecules with both electron-donating and -withdrawing substituents were perfectly suitable substrates for this transformation, and the expected products were obtained in moderate to excellent yields.



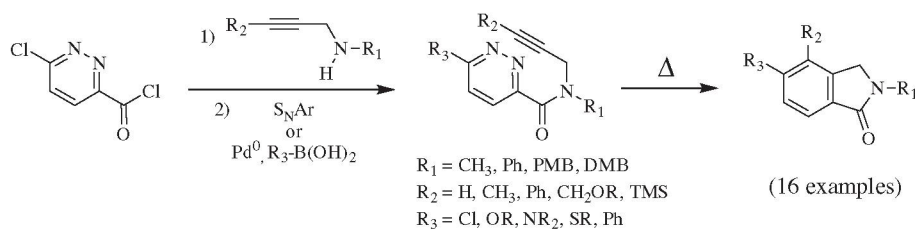


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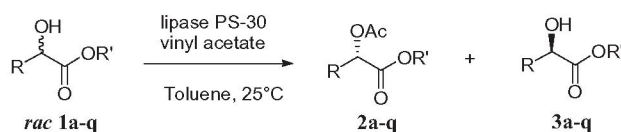
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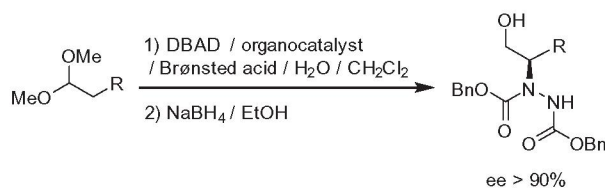

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 Seventeen examples. Values of the kinetic enantiomeric ratio (*E*) up to 197.5.

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Ath'enkosi Msutu, Roger Hunter\*



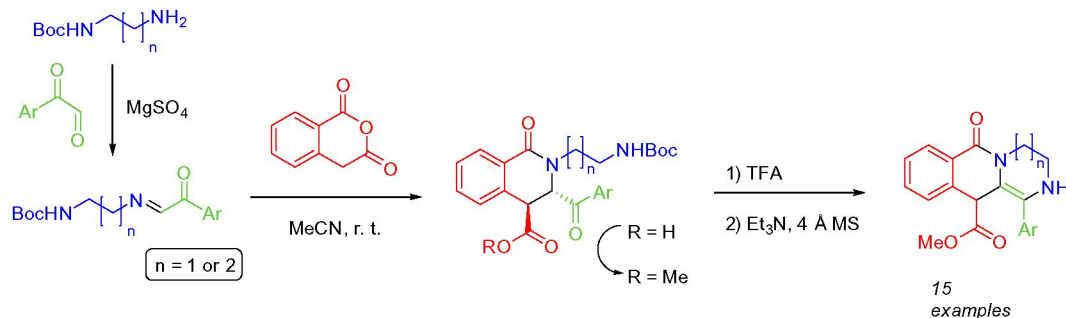
A one-pot enantioselective α-amination of acetals is presented.



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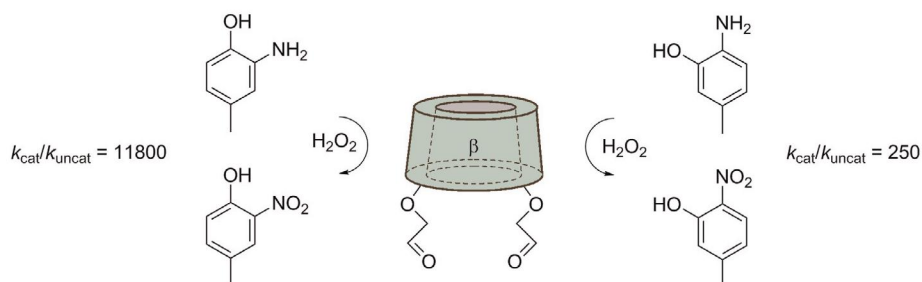
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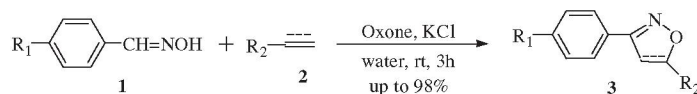
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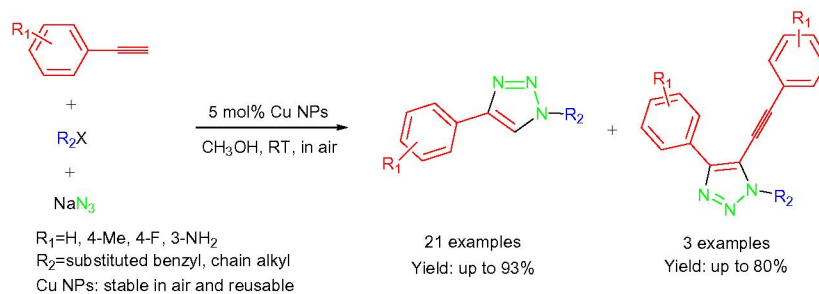
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\*Corresponding author

+ Supplementary data available via ScienceDirect

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