

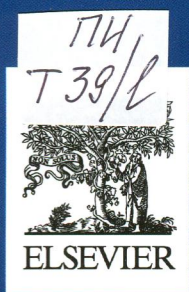
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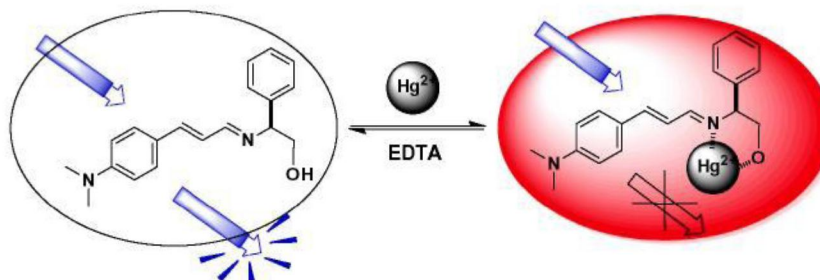
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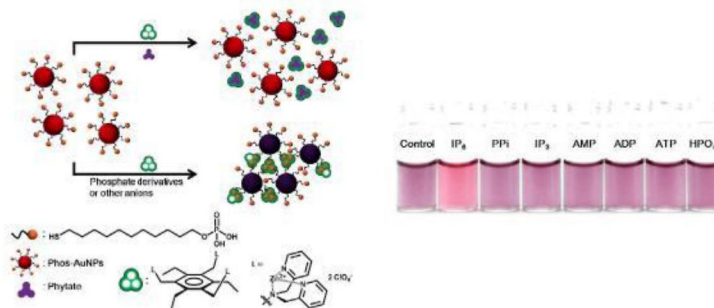
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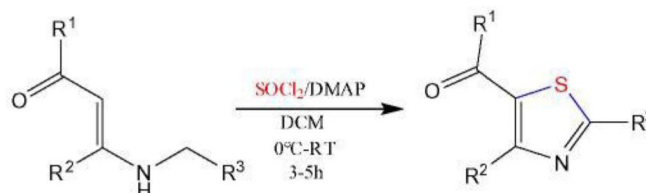
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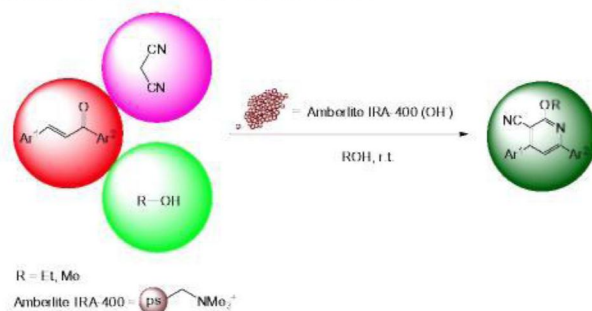
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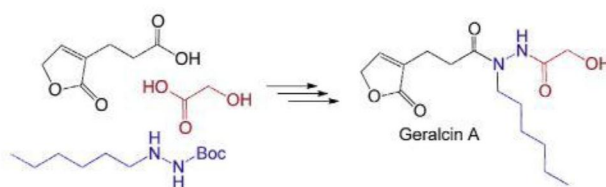
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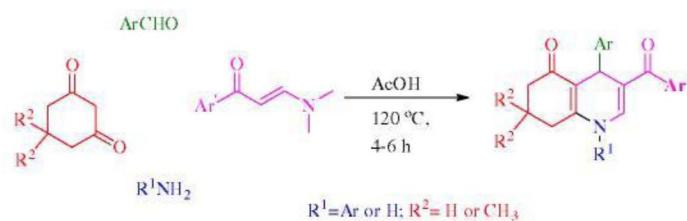
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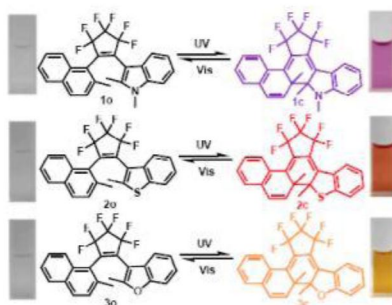
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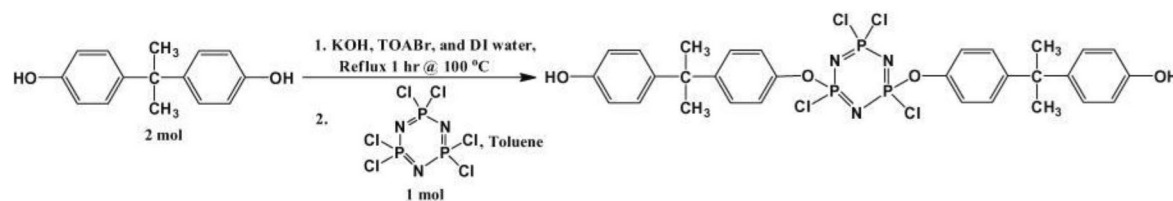
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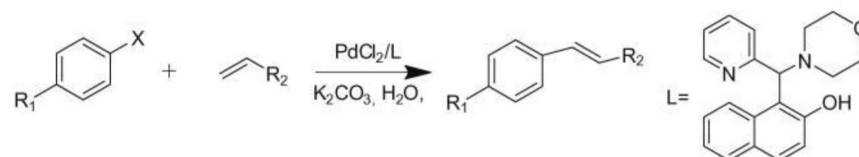
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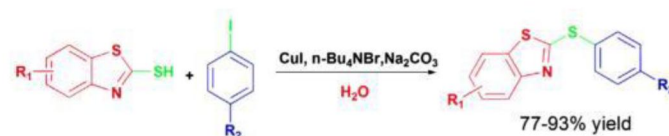
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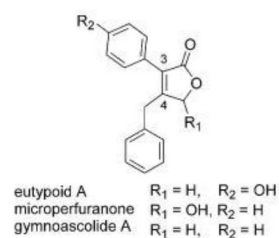
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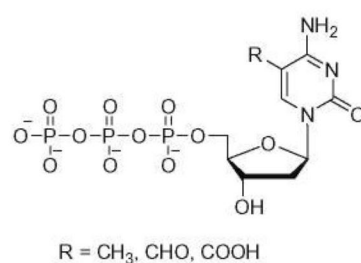
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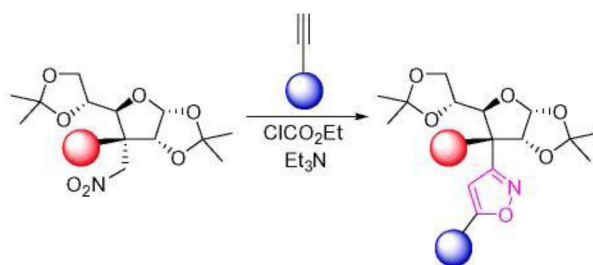
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Anilkumar R. Kore*, Bo Yang, Balasubramanian Srinivasan

**A concise synthesis of sugar isoxazole conjugates**

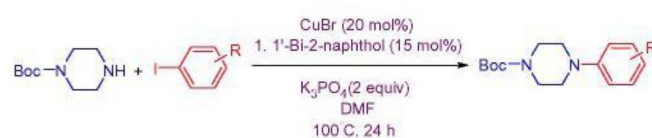
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Jevgenija Lugiņina, Vitalijs Rjabovs, Sergey Belyakov, Maris Turks*

**Efficient copper-catalyzed cross-coupling of 1-Boc-piperazine with aryl iodides and its application in the synthesis of trazodone**

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Fui-Fong Yong, Yong-Chua Teo*, Khee-Ngiap Tan

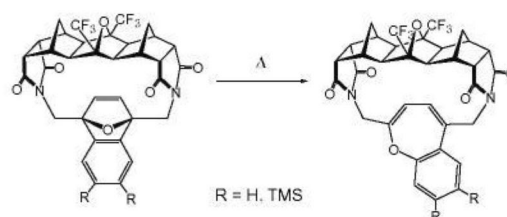


A convenient and practical strategy is developed for the cross-coupling of *N*-Boc protected piperazines with aryl iodides using CuBr/1,1'-bi-2-naphthol as the catalyst and K₃PO₄ as the base. The protocol affords *N*-arylated piperazine products in moderate to good yields under the optimized conditions. The application of this catalytic system to the synthesis of trazodone is also successfully demonstrated using commercially available substrates.

**Rack-mounted chemistry IV: the thermal rearrangement of 7-oxabenzonorbornadienes into benzo[*b*]oxepines on and off the polycyclic rack**

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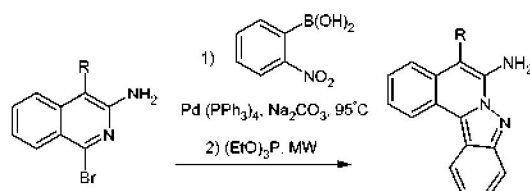
Muhong Shang, Douglas N. Butler, Ronald N. Warrenner, Davor Margetić*



A straightforward synthesis of indazolo[3,2-*a*]isoquinolin-6-amines

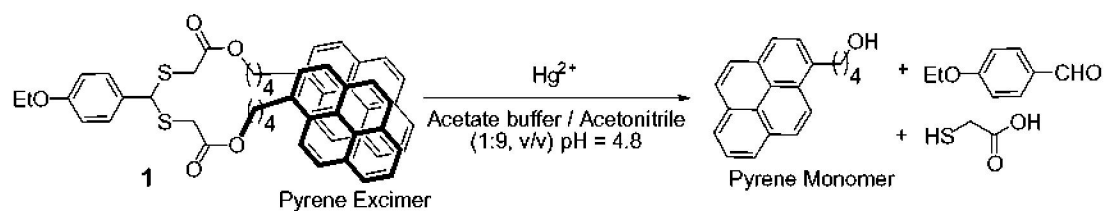
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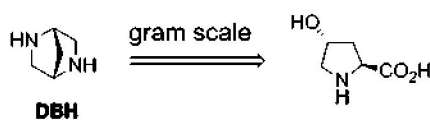
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**A practical synthesis of (1*S*,4*S*)-2,5-diazabicyclo[2.2.1]heptane**

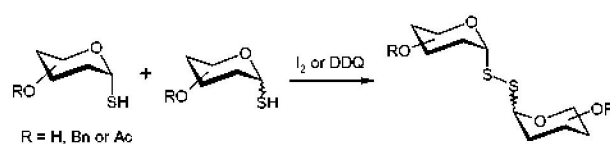
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**Synthesis of glycosyl disulfides containing an α -glycosidic linkage**

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Raymond Smith, Xiaojun Zeng, Helge Müller-Bunz, Xiangming Zhu*



Both symmetrical and unsymmetrical glycosyl disulfides containing α -glycosidic linkages were synthesized readily from the corresponding glycosyl thiols by oxidation with I₂ or DDQ.



Ligand-free C–N bond formation in aqueous medium using a reusable Cu–Mn bimetallic catalyst

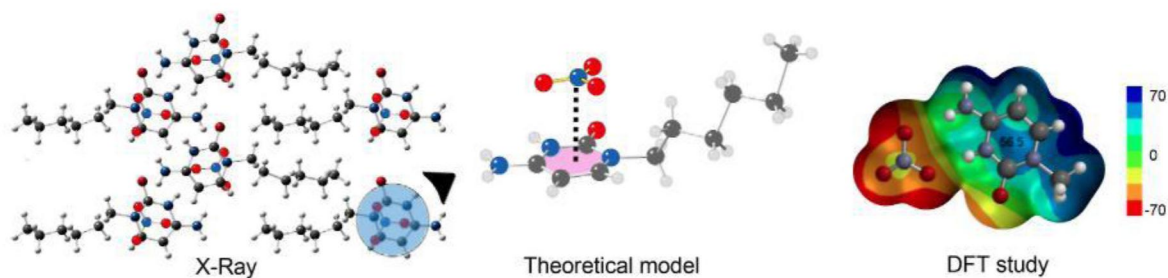
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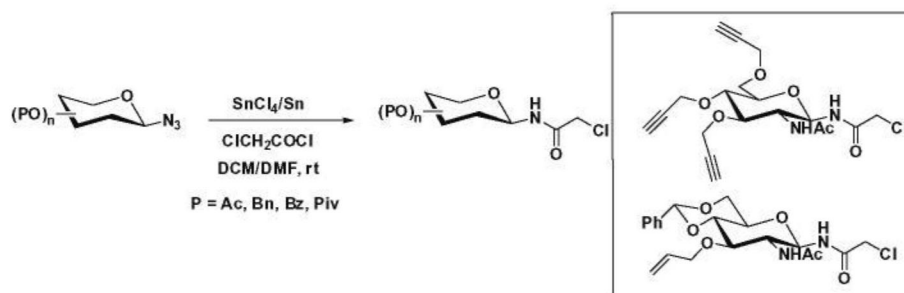
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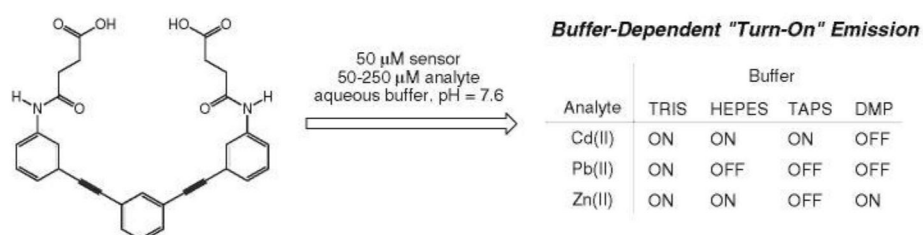
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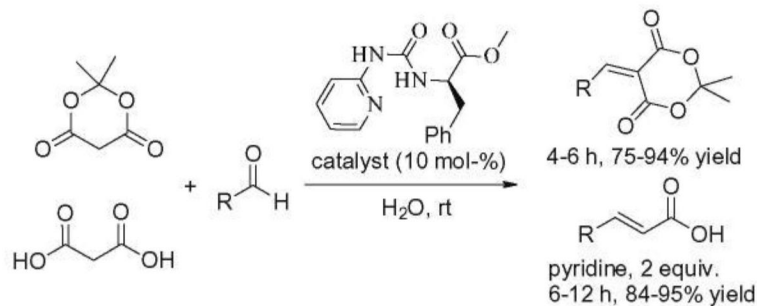
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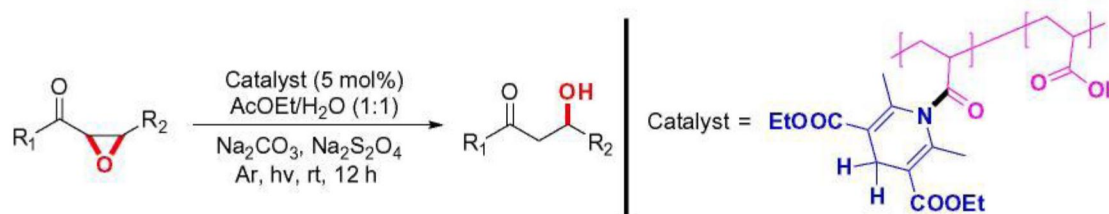
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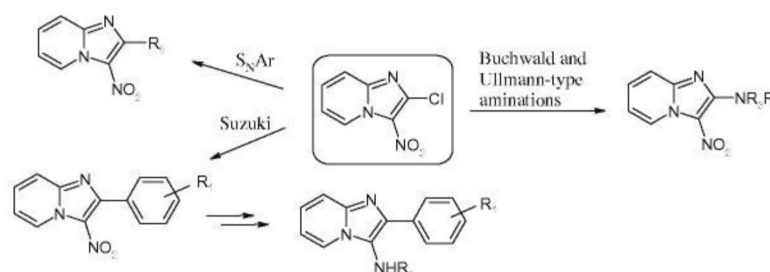
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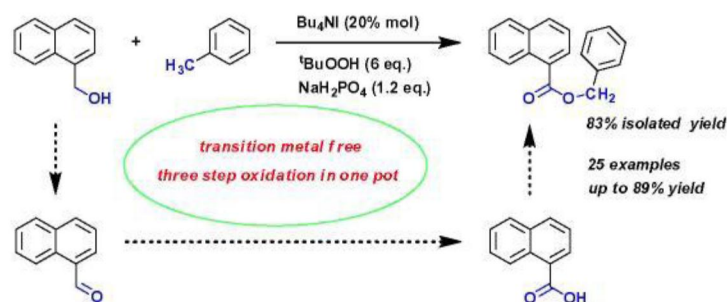
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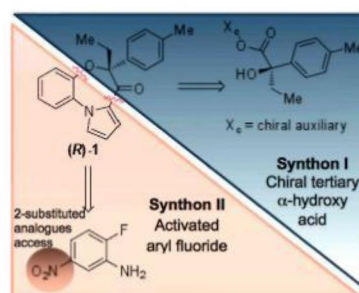
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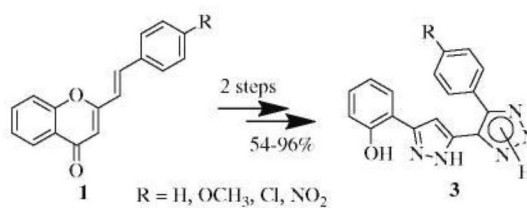
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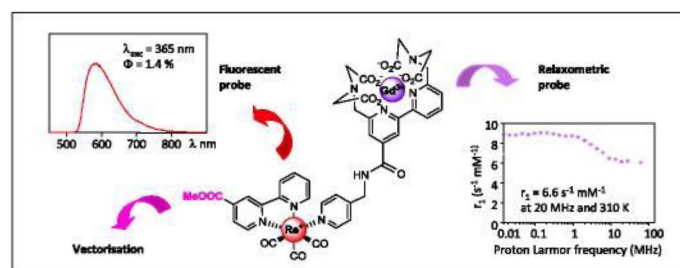
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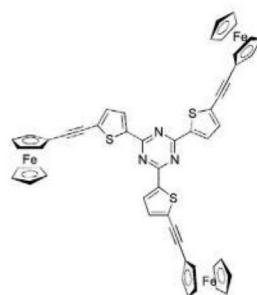
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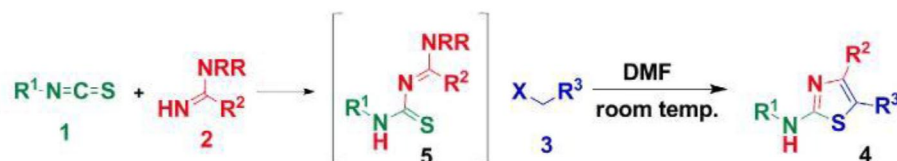
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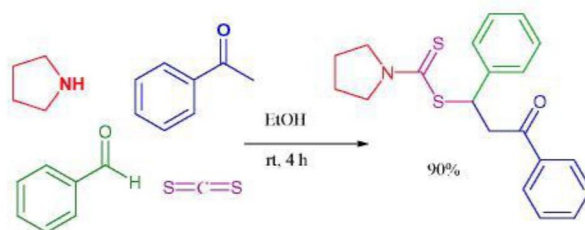
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Najmedin Azizi*, Meysam Khajeh, Morteza Hasani, Sahar Dezfooli



*Corresponding author

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