



Tetrahedron Vol. 67, Issue 22, 2011

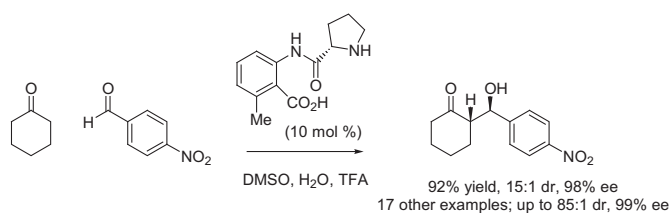
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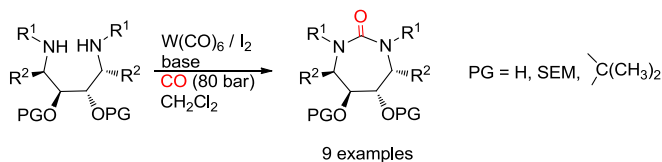
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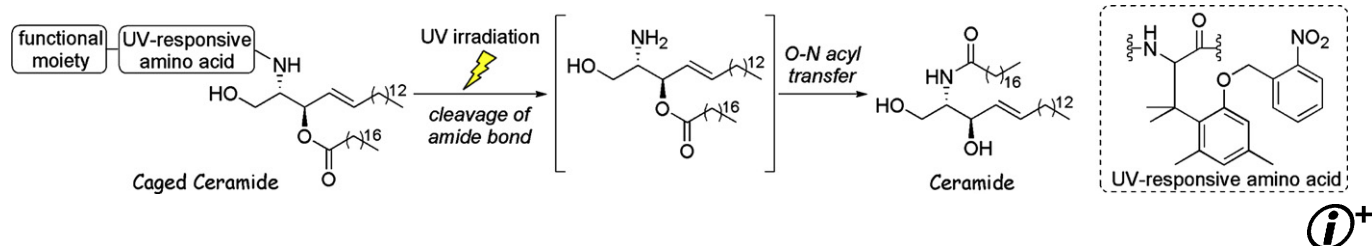
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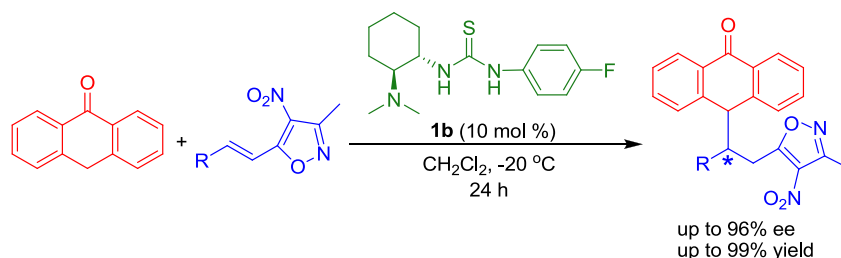


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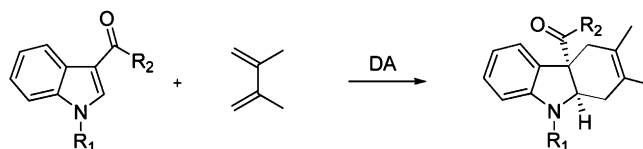
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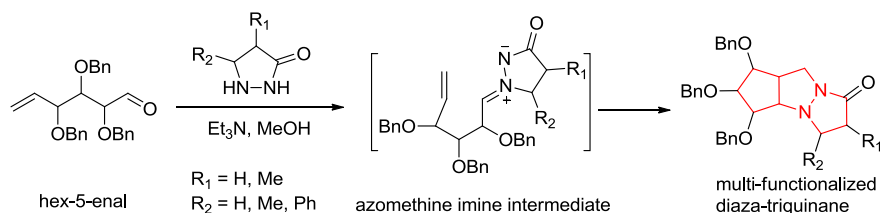
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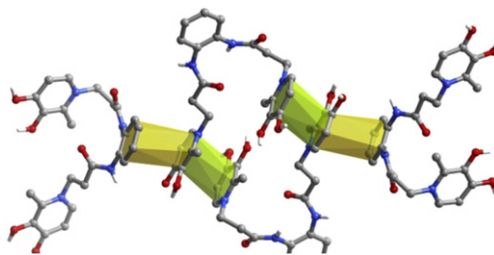
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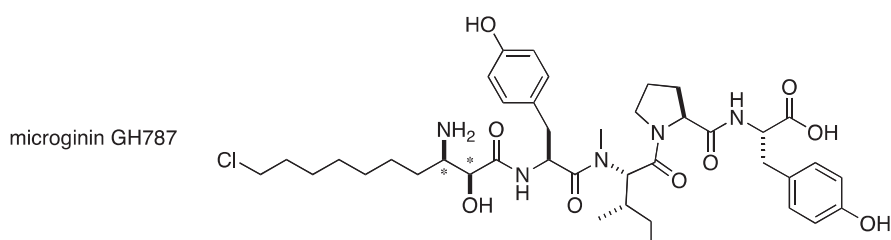
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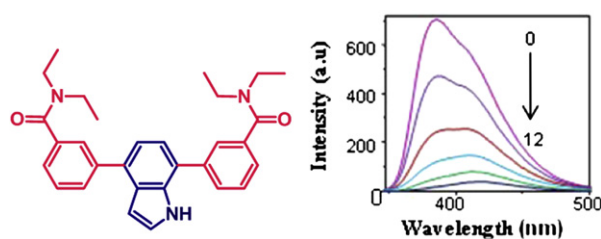
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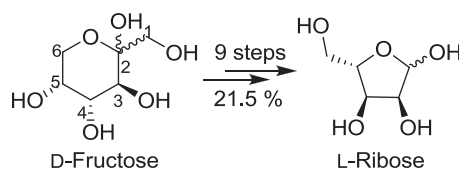
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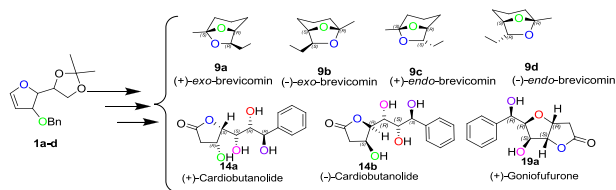
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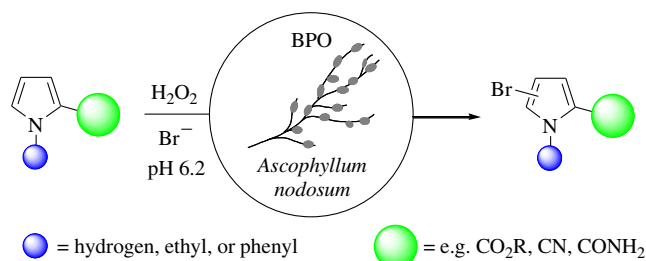
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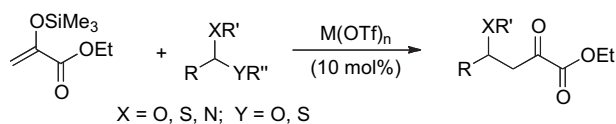
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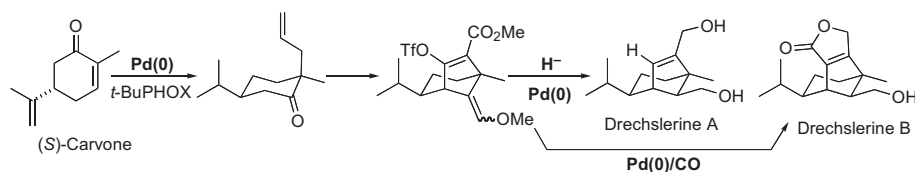
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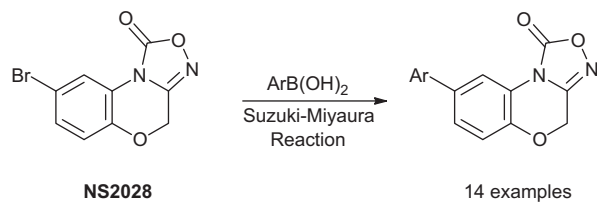
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Suzuki–Miyaura reactions of the soluble guanylate cyclase inhibitor NS2028: a non-product specific route to C-8 substituted analogues

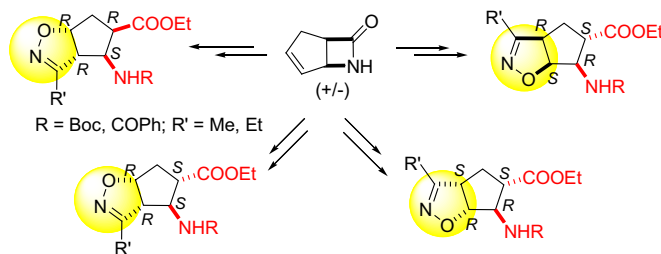
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Andrey A. Berezin, Panayiotis A. Koutentis*

**Synthesis of novel isoxazoline-fused cyclic β-amino esters by regio- and stereo-selective 1,3-dipolar cycloaddition**

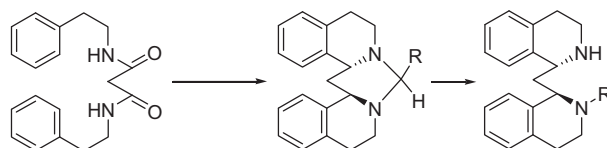
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Melinda Nonn, Loránd Kiss, Enikő Forró, Zoltán Mucsi, Ferenc Fülöp*

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Qiong Ji Yao, Zaher M.A. Judeh*

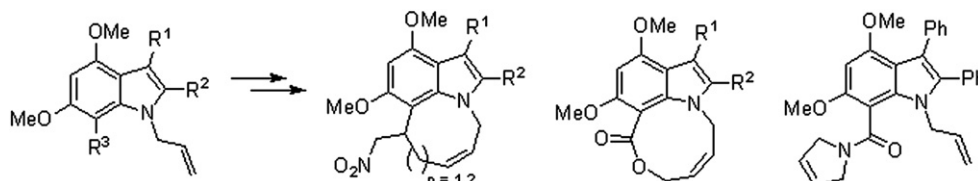


The preparation of new chiral 1,3-diamine ligand systems based on the 1,1'-methylene-bis(1,1',2,2',3,3',4,4'-octahydroisoquinoline) framework is described. Mono-, di-, and bridged *N*-alkyl derivatives are presented. Resolution of one compound, its Cu(I)Br X-ray crystallographic structure and the preliminary results on its application in the enantioselective Henry and Aldol reactions are disclosed.

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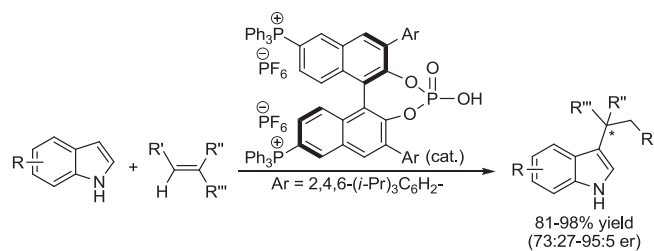
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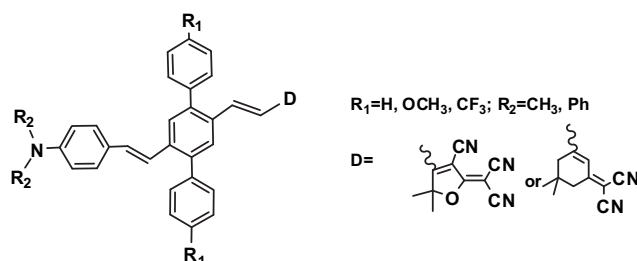
Julia Hermeke, Patrick H. Toy*



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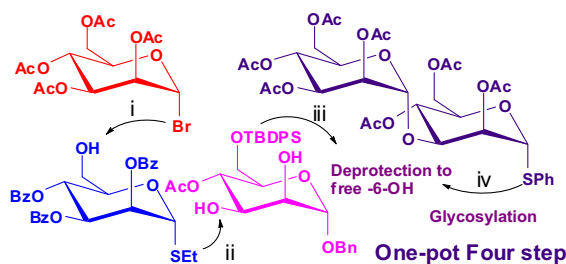
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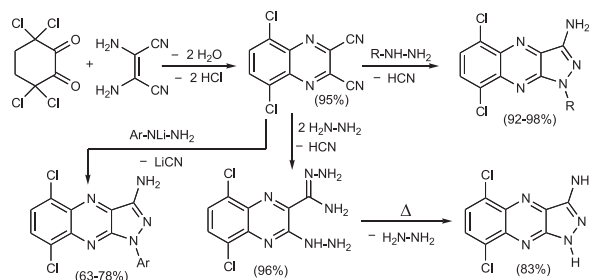
Swarbhanu Sarkar, Samrat Dutta, Gora Das, Asish Kumar Sen*



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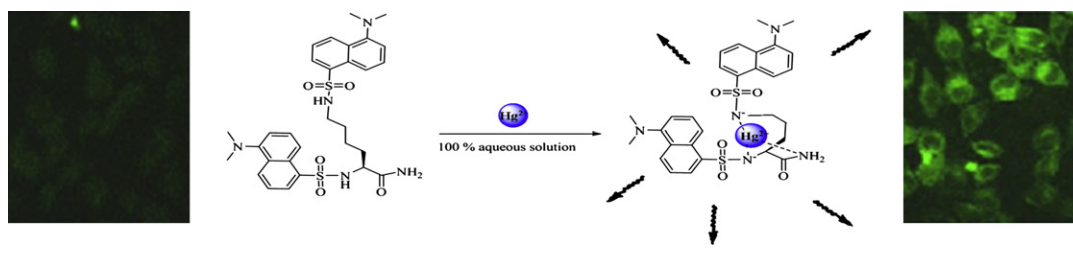
Antonio Guirado*, José I. López Sánchez, Delia Bautista



Two dansyl fluorophores bearing amino acid for monitoring Hg²⁺ in aqueous solution and live cells

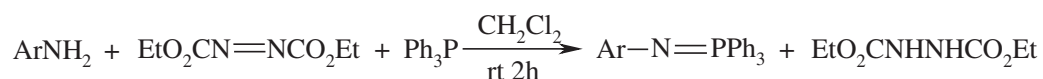
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Chuda Raj Lohani, Joung Min Kim, Keun-Hyeung Lee*

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Mehdi Adib*, Ehsan Sheikhi, Azadeh Deljoush

**COVER**

In position 2 acceptor-substituted 1*H*-pyrroles provide selectively brominated derivatives, if treated with hydrogen peroxide and sodium bromide. Oxidation of bromide under such conditions is catalyzed by a vanadate(V)-dependent bromoperoxidase from *Ascophyllum nodosum*. This technique was used to prepare two marine natural products under biomimetic conditions, that is, methyl 4,5-dibromopyrrole-2-carboxylate (from *Agelas oroides*) and 4,5-dibromopyrrole-2-carboxamide (from *Acanthella carteri*).

Details can be found in Tetrahedron, **2011**, 67, 4048–4054.

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