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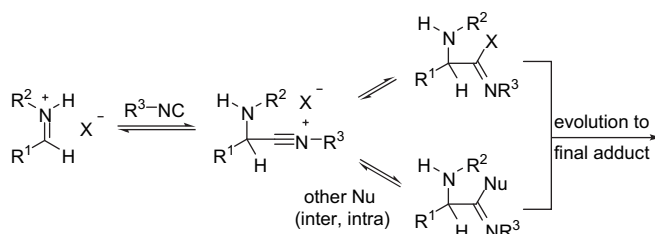
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Beyond the Ugi reaction: less conventional interactions between isocyanides and iminium species

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Laurent El Kaim*, Laurence Grimaud*

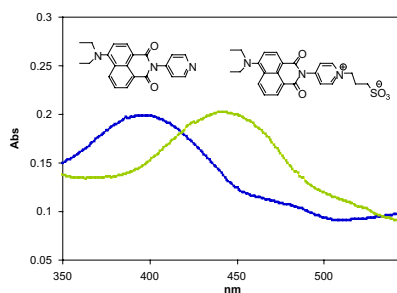


ARTICLES

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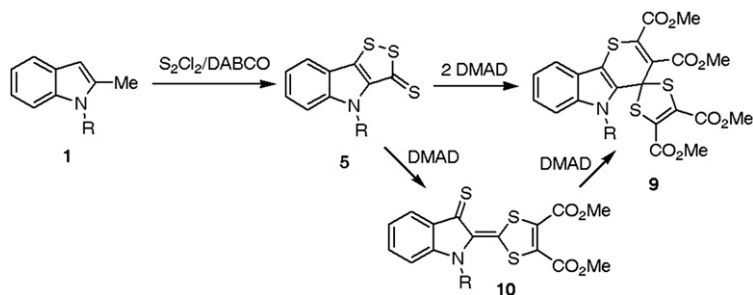
Premchendar Nandhikonda, Sangita Paudel, Michael D. Heagy*



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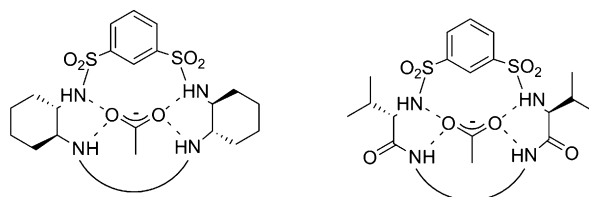
Lidia S. Konstantinova, Kirill A. Lysov, Stanislav A. Amelichev, Natalia V. Obruchnikova, Oleg A. Rakitin*



Synthesis and anion-binding properties of new disulfonamide-based receptors

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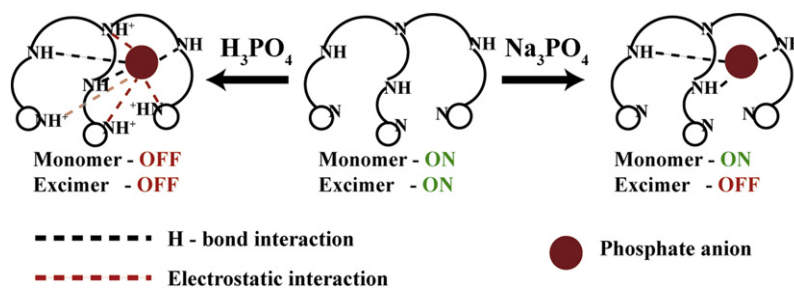
Oscar Mammoliti, Sara Allasia, Sally Dixon, Jeremy D. Kilburn*



An efficient phosphate sensor: tripodal quinoline excimer transduction

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Avijit Pramanik, Gopal Das*

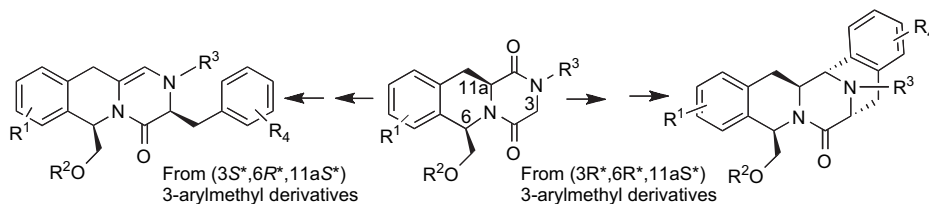


The novel quinoline based tripodal system shows selective sensor for phosphate ion and form the long range excimer.

Synthesis of a novel tetrahydroisoquinoline pentacyclic framework

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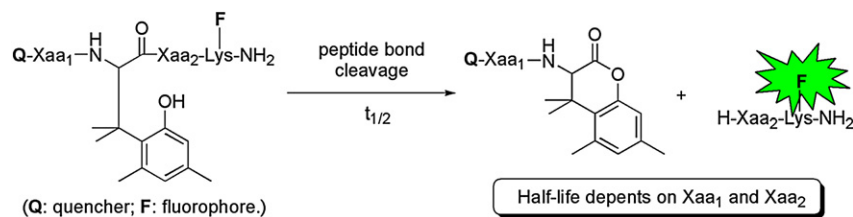
Irene Ortín, Juan Francisco González, Elena de la Cuesta, Carmen Avendaño*



FRET-based assay of the processing reaction kinetics of stimulus-responsive peptides: influence of amino acid sequence on reaction kinetics

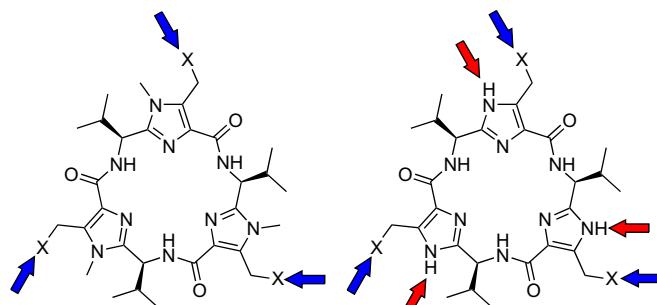
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**Synthesis of chiral threefold and sixfold functionalized macrocyclic imidazole peptides**

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Áron Pintér, Gebhard Haberhauer*

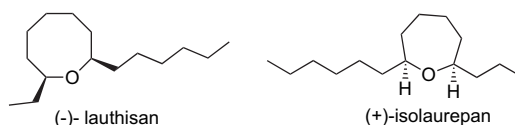


Starting from 4-oxa- or 4-azasubstituted 2-amino-3-oxoesters and (*S*)-valine, macrocyclic imidazole peptides with three and six anchoring sites were prepared in a few synthetic steps.

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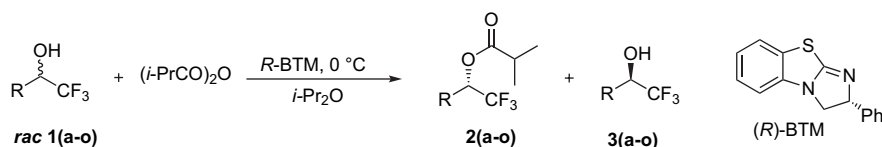
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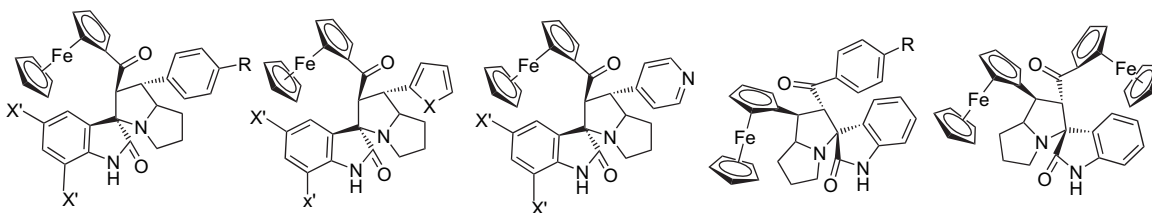
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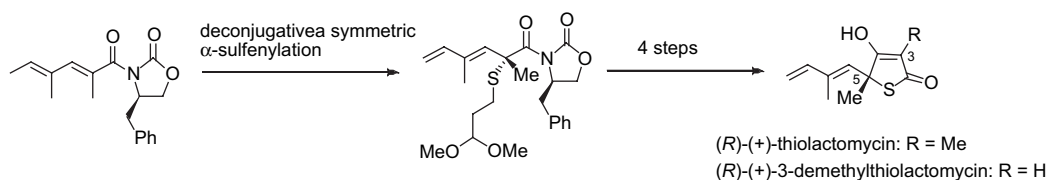
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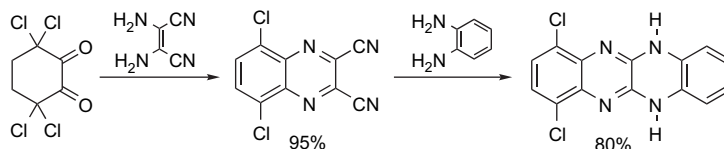
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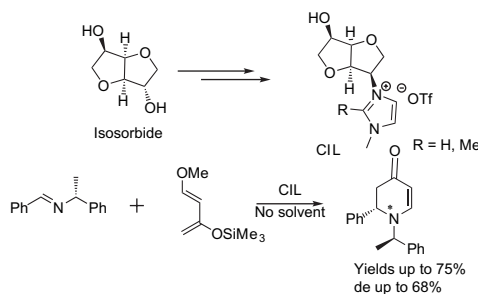
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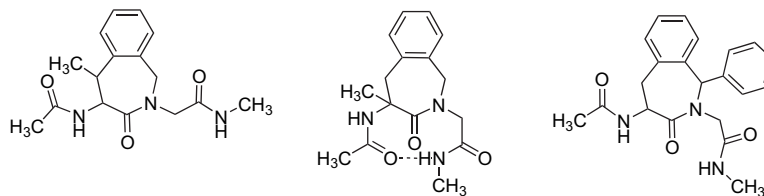
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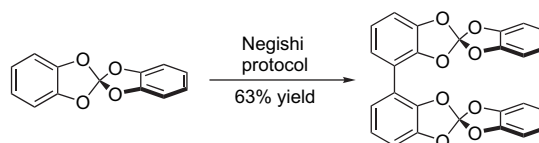
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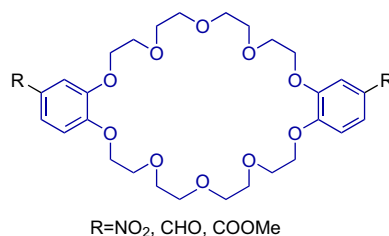
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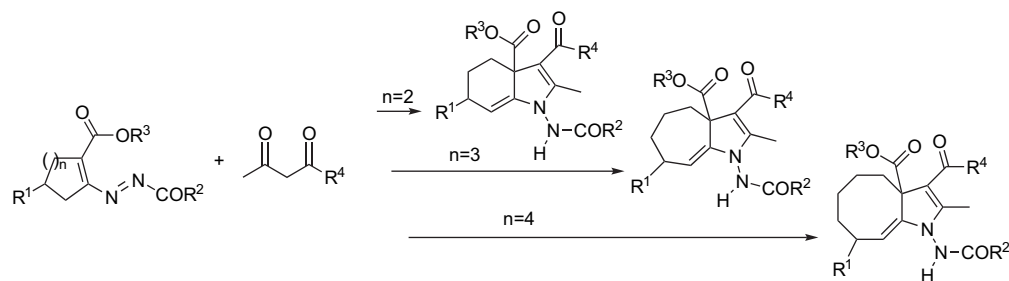
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Pancreatic β -cell

Untreated Sensor





Pancreatic β -cell

Untreated Zn^{2+}







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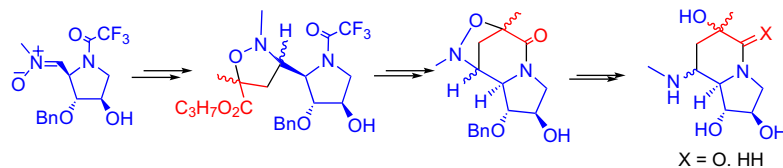
zamamidine C (**1**)

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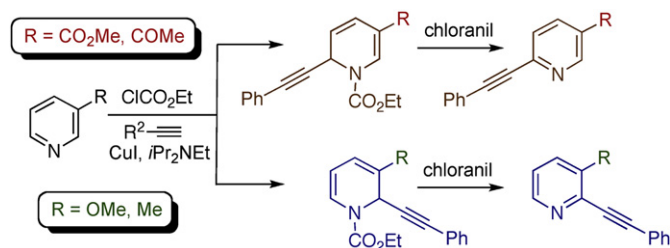
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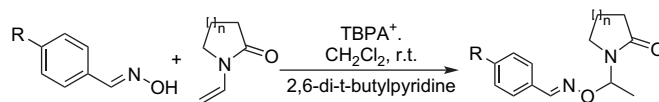


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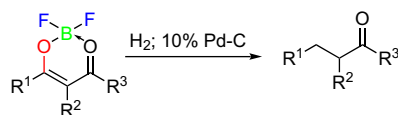
Xiaodong Jia*, Xiaoe Wang, Caixia Yang, Yuxia Da, Li Yang, Zhongli Liu



Hydrogenation of BF₂ complexes with 1,3-dicarbonyl ligands

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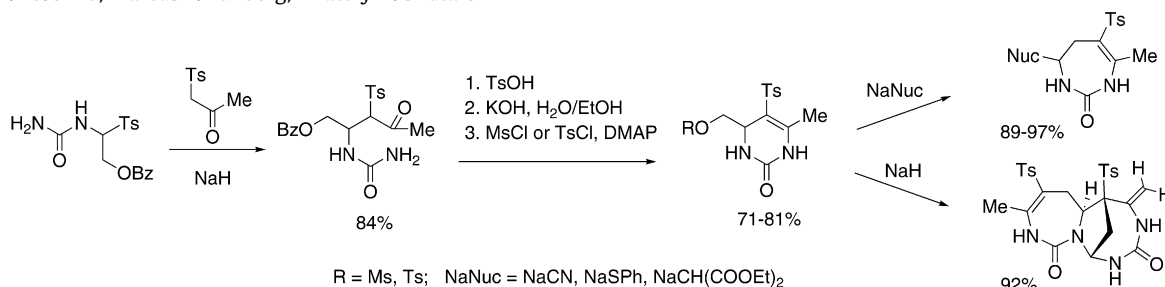
Bogdan Štefane*, Slovenko Polanc



General approach to 6-tosyl-2,3,4,5-tetrahydro-1H-1,3-diazepin-2-ones via nucleophile-mediated ring expansion of tetrahydropyrimidines

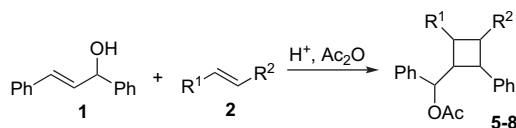
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Anastasia A. Fesenko, Marcus L. Tullberg, Anatoly D. Shutalev*


Unusual reaction of allylic systems: homo- and cross-cyclizations leading to four-carbon rings

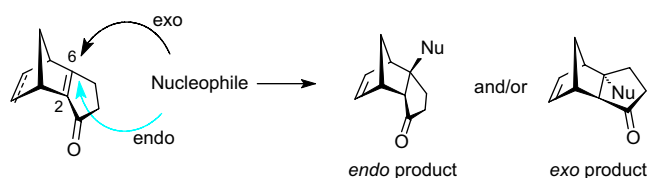
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Renata Siedlecka


Facial selectivity in addition reactions to the highly strained enone in tricyclo[5.2.1.0^{2,6}]deca-2(6),8-dienone and tricyclo[5.2.1.0^{2,6}]dec-2(6)-enone

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Antonius J.H. Klunder, Andries A. Volkers, Binne Zwanenburg*

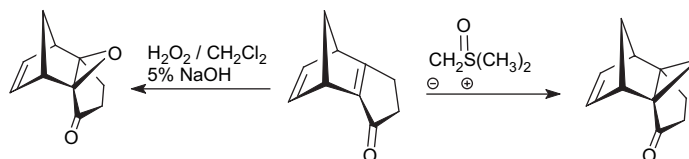


For deca-2(6), 8-dienone, Nu: *t*-BuO, MeO, Eto, *n*-BuO, *i*-Pro, CN, CH(COOEt)₂, Me, Bu → *endo* + *exo*. For deca-2(6) enone: Nu: MeO, Me, Bu → *endo* only.

Cyclopropanation and epoxidation of tricyclo[5.2.1.0^{2,6}]deca-2(6),8-dien-3-one

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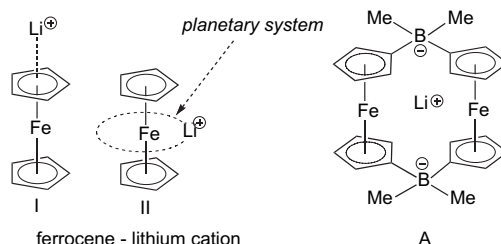
Andries A. Volkers, Xue S. Mao, Antonius J.H. Klunder, Binne Zwanenburg*



Study of the ferrocene–lithium cation interaction by DFT calculations: an in-depth analysis of the existence of a *planetary system*

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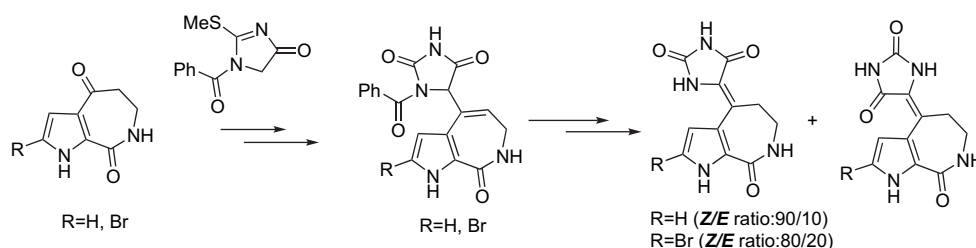
Jesús Rodríguez-Otero*, Enrique M. Cabaleiro-Lago, Ángeles Peña-Gallego, M. Merced Montero-Campillo

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Federico Tutino, Helena Posteri, Daniela Borghi, Francesca Quartieri, Nicola Mongelli, Gianluca Papeo*



*Corresponding author

i+ Supplementary data available via ScienceDirect

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