

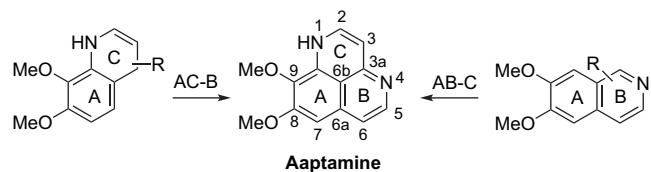


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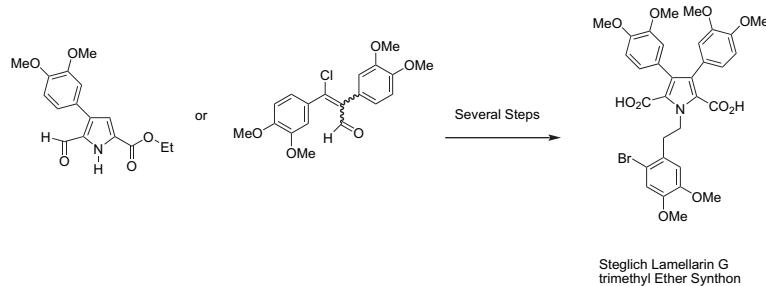
## REPORT

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Yanjun Wan, Weijun Niu, William J. Behof, Yifei Wang, Paul Boyle, Christopher B. Gorman\*

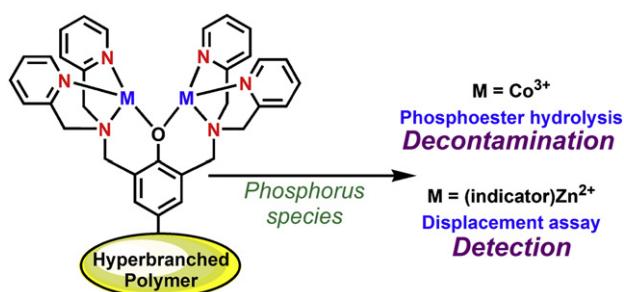
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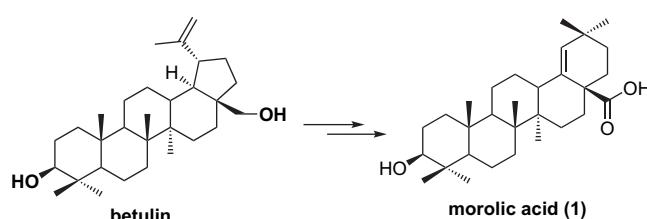
Anshuman Mangalum, Rhett C. Smith\*



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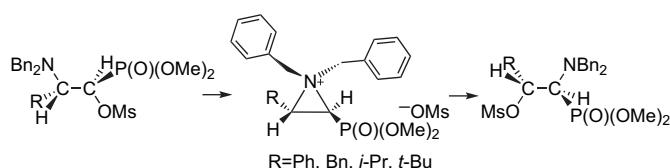
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**Direct observation of aziridinium ions in a 2-(*N,N*-dibenzylamino)- to 1-(*N,N*-dibenzylamino)phosphonate rearrangement**

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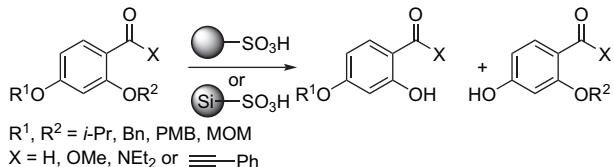
Dorota G. Piotrowska, Andrzej E. Wróblewski\*



**Factors affecting orthogonality in the deprotection of 2,4-di-protected aromatic ethers employing solid-supported acids**

Kassrin Tangdenpaisal, Supannee Sualek, Somsak Ruchirawat, Poonsakdi Ploypradith\*

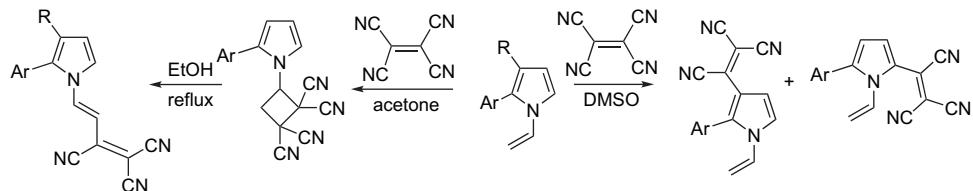
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**Tricyanovinylation of 2-aryl-1-vinylpyrroles: solvent- and substituent controlled chemo- and regioselectivity**

Boris A. Trofimov\*, Lyubov' N. Sobenina, Vladislav N. Drichkov, Igor' A. Ushakov, Al'bina I. Mikhaleva

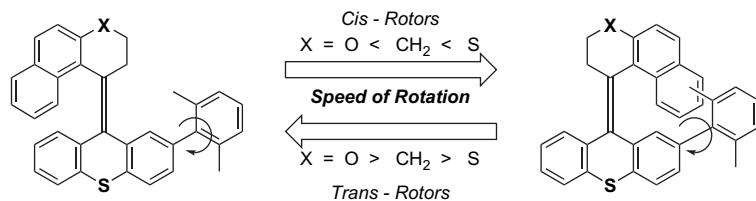
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**Fine tuning of molecular rotor function in photochemical molecular switches**

Matthijs K.J. ter Wiel, Ben L. Feringa\*

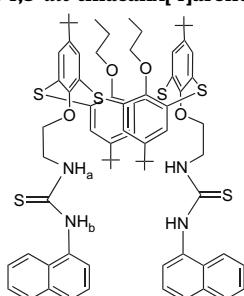
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**F<sup>-</sup>-Induced 'turn-on' fluorescent chemosensor based on 1,3-*alt* thiocalix[4]arene**

Manoj Kumar\*, Rajesh Kumar, Vandana Bhalla

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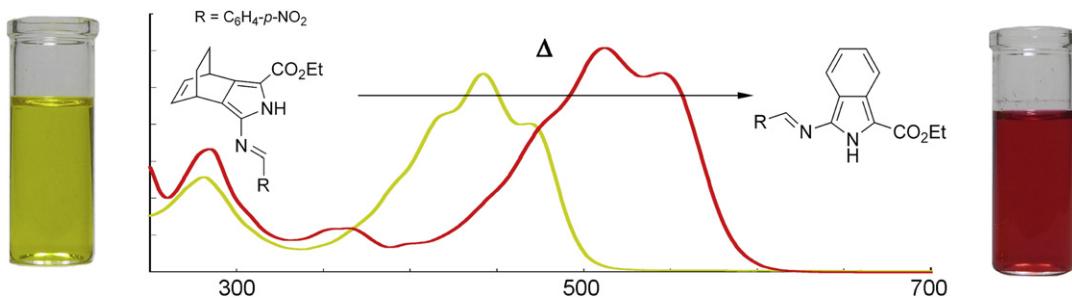


A new thiocalix[4]arene based fluorescent sensor **1** bearing two naphthalyl groups has been synthesized in 1,3-*alternate* conformation. In the absence of fluoride ion, the receptor **1** is in 'off-state' showing no fluorescence emission. The presence of fluoride ion triggered the fluorescence emission to 'on-state'. The receptor shows pronounced selectivity for fluoride ions.

**1-Aminoisoindole as a useful  $\pi$ -system elongation unit**

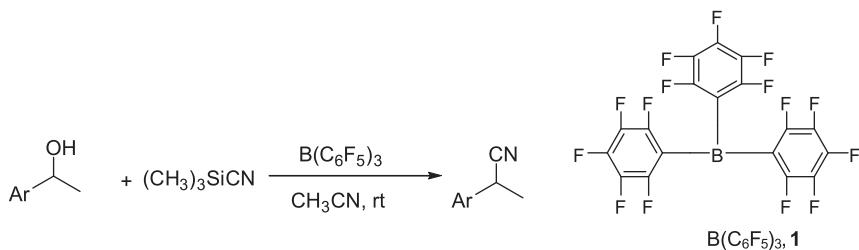
Taiji Akiyama, Hiroki Uoyama, Tetsuo Okujima, Hiroko Yamada, Noboru Ono, Hidemitsu Uno\*

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**Synthesis of  $\alpha$ -aryl nitriles through  $B(C_6F_5)_3$ -catalyzed direct cyanation of  $\alpha$ -aryl alcohols and thiols**

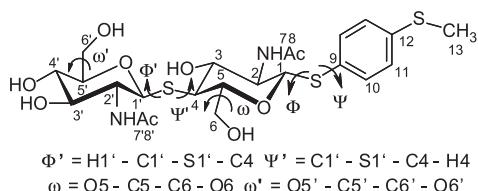
Gurusamy Rajagopal, Sung Soo Kim\*

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**Synthesis and conformational analysis of glycomimetic analogs of thiochitobiose**

Anja Fettke, Dirk Peikow, Martin G. Peter, Erich Kleinpeter\*

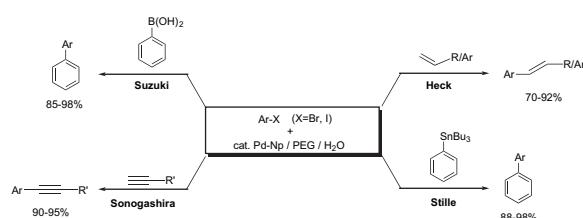
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**Size controlled synthesis of Pd nanoparticles in water and their catalytic application in C–C coupling reactions**

Sudeshna Sawoo, Dipankar Srimani, Piyali Dutta, Rima Lahiri, Amitabha Sarkar\*

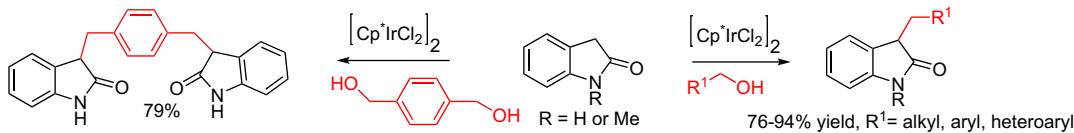
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Reduction of Pd(II) salt with Fischer carbene complex in water containing PEG-6000 at room temperature affords Pd nanoparticles (7–10 nm) that were characterized by standard spectroscopic (UV-vis) and microscopic (TEM) techniques. These nanoparticles very efficiently catalyze a variety of C–C coupling reactions in water without the necessity of any organic co-solvent.



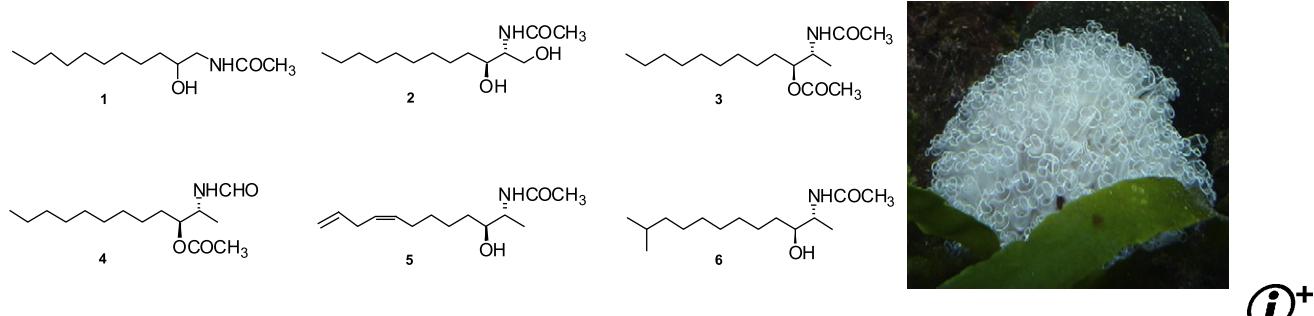
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**Clavaminols G–N, six new marine sphingoids from the Mediterranean ascidian *Clavelina phlegraea***  
 Anna Aiello, Ernesto Fattorusso, Antonella Giordano, Marialuisa Menna\*, Carmen Navarrete, Eduardo Muñoz

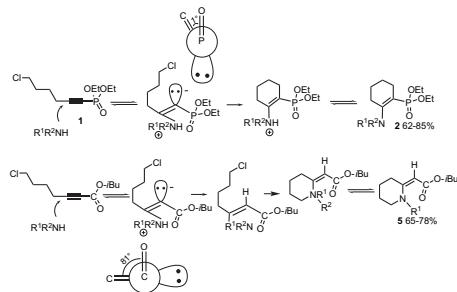
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Modified marine sphingoids Clavaminols G–N (**1–6**) isolated from the Mediterranean ascidian *Clavelina phlegraea*.

**Comparison of amine-induced cyclization of 6-chloro-1-hexynylphosphonate and isobutyl 7-chlorohept-2-ynoate**  
 Hemant Kumar Srivastava, Abed Al Aziz Quntar\*, Abdulatif Azab, Morris Srebnik\*, Avital Shurki\*

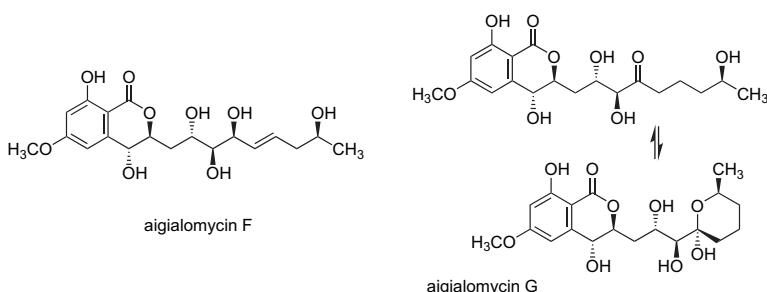
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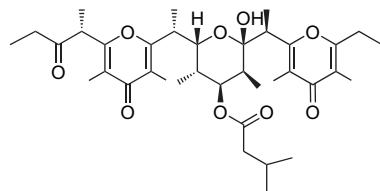
Masahiko Isaka\*, Arunrat Yangchum, Sutichai Intamas, Kanokarn Kocharin, E.B. Gareth Jones, Palangpon Kongsaeree, Samran Prabpai



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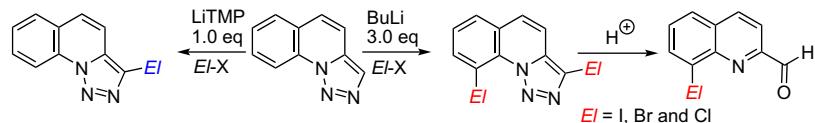
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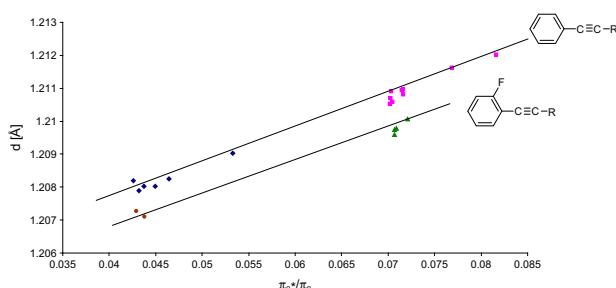
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Rafael Ballesteros-Garrido, Frédéric R. Leroux\*, Rafael Ballesteros\*, Belén Abarca\*, Françoise Colobert\*

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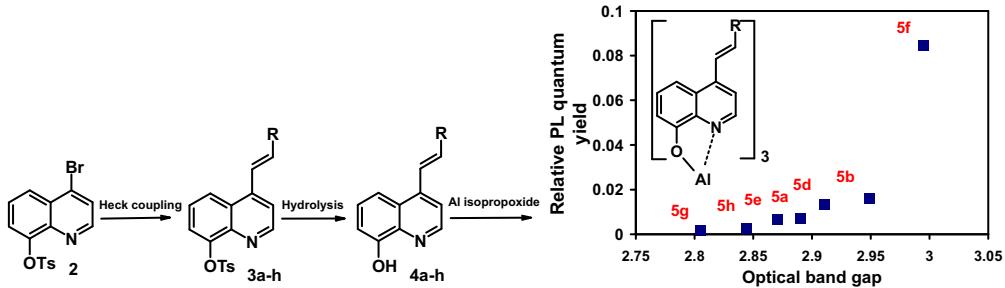
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Erich Kleinpeter\*, Andrea Frank

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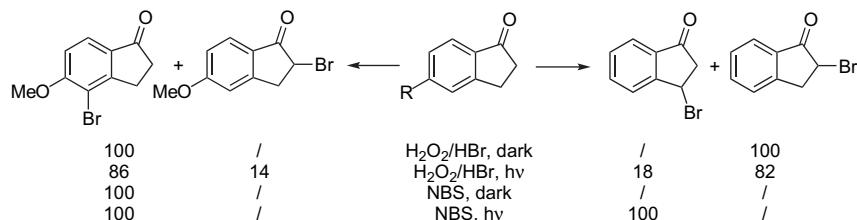
Walaa A.E. Omar, Osmo E.O. Hormi\*



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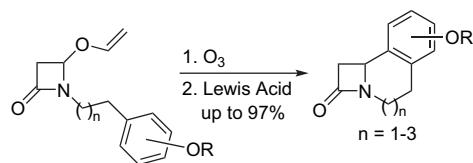
Ajda Podgoršek, Stojan Stavber, Marko Zupan, Jernej Iskra\*



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Bartosz Zambroń, Marek Masnyk, Bartłomiej Furman, Marek Chmielewski\*



\*Corresponding author

(i)\* Supplementary data available via ScienceDirect

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