



Tetrahedron Vol. 66, Issue 19, 2010

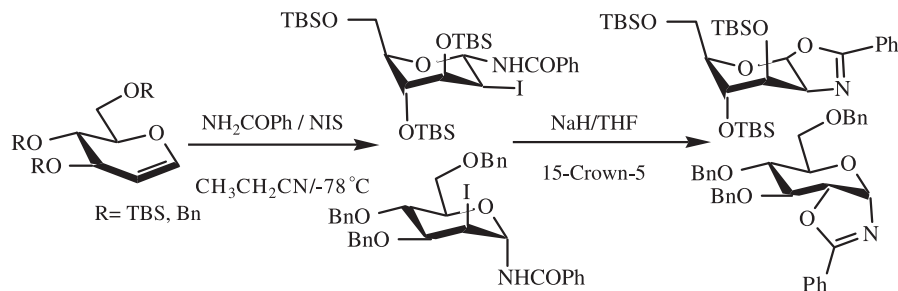
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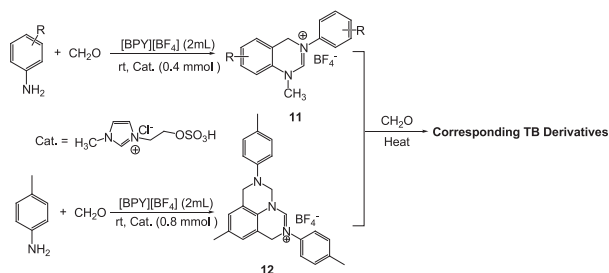


ARTICLES

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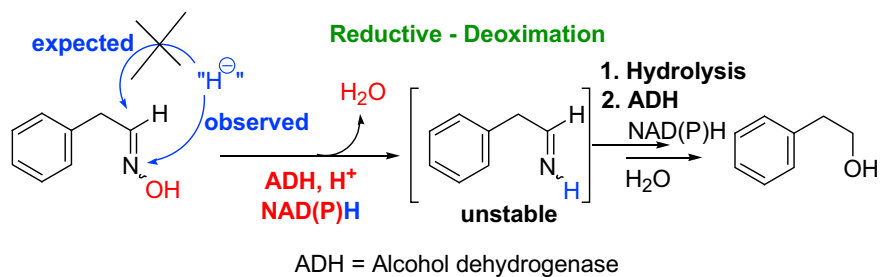
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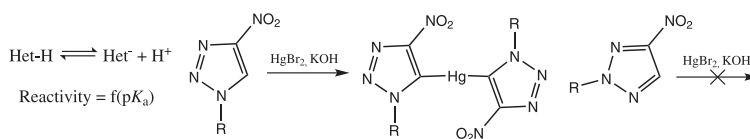
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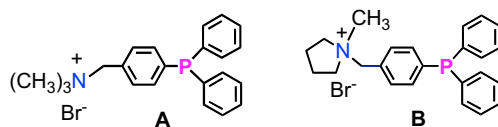
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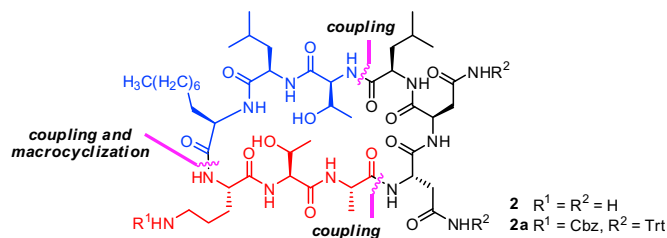
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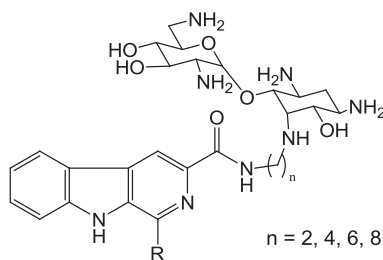
Yan-Li Wang, Wen-Jian Qian, Wan-Guo Wei, Yue Zhang*, Zhu-Jun Yao*



Synthesis of neamine–carboline conjugates for RNA binding and their antibacterial activities

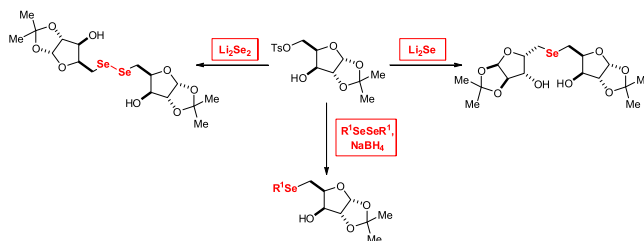
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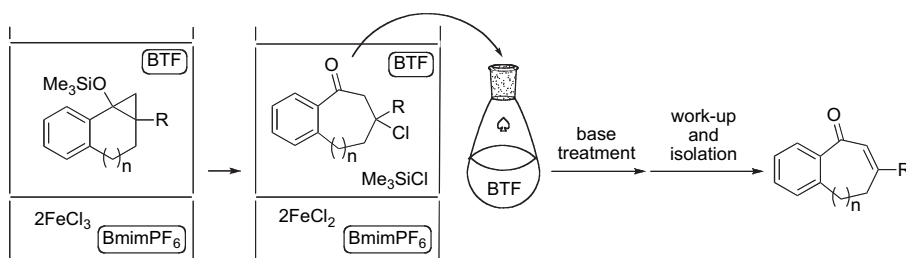
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Hugo C. Braga, Hélio A. Stefani, Márcio W. Paixão, Francieli W. Santos, Diogo S. Lüdtké*

**Novel biphasic reaction system of ferric chloride dissolved imidazolium hexafluorophosphate and benzotrifluoride: application to electron transfer reaction of cyclopropyl silyl ethers**

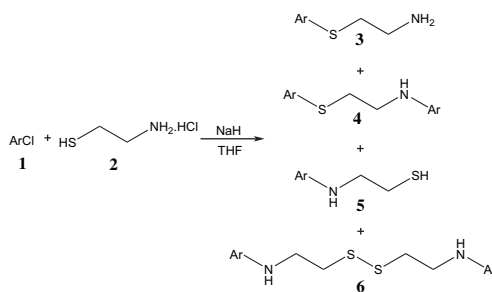
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**S→N type Smiles rearrangement of the aminoethanethiol moiety attached to heterocyclic compounds**

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Simon J. Mountford, Eva M. Campi, Andrea J. Robinson, Milton T.W. Hearn*

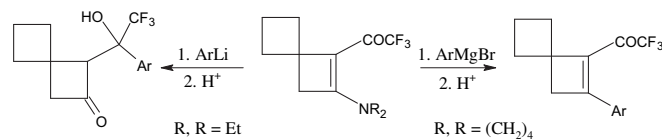


General procedure for the preparation of the heteroaryl sulfanylethylamines and derived Smiles rearrangement products.

Synthesis of novel β -dialkylamino- α,β -unsaturated trifluoromethylketones containing cyclobutene fragment and their reactions with organolithium and Grignard reagents

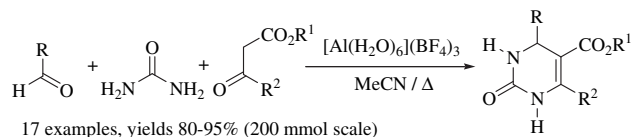
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Andrey B. Koldobskii*, Nikolai P. Tsvetkov, Ekaterina V. Solodova, Pavel V. Verteletskii, Ivan A. Godovikov, Valery N. Kalinin


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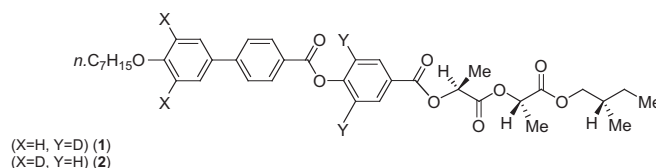
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Mladen Litvić*, Ivana Večenaj, Zrinka Mikuldaš Ladišić, Marija Lovrić, Vladimir Vinković, Mirela Filipan-Litvić*


Synthesis of deuterium-labelled, optically active, ferroelectric liquid crystals

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A. Marini, V. Domenici, C. Malanga, R. Menicagli*, C.A. Veracini

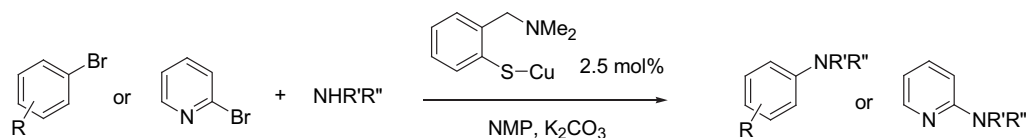


Preparation of deuterium-labelled optically active, ferroelectric liquid crystals (**1** and **2**) with an almost quantitative deuterium incorporation was achieved by a new synthetic strategy.

C–N Coupling of nitrogen nucleophiles with aryl and heteroaryl bromides using aminoarenethiolato–copper(I) (pre-)catalyst

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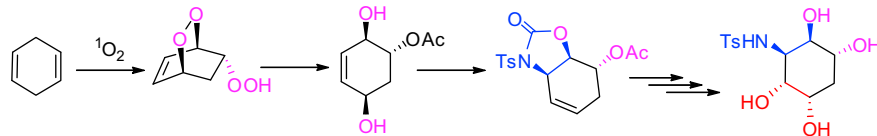
Elena Sperotto, Gerard P.M. van Klink, Johannes G. de Vries, Gerard van Koten*



Stereospecific synthesis of a DL-gala-aminoquercitol derivative

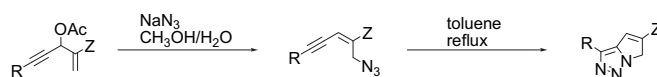
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Namudar I. Kurbanoglu, Murat Çelik*, Hamdullah Kilic, Cemalettin Alp, Ertan Ş, Metin Balci*

**3,5-Disubstituted 6H-pyrrolo[1,2-c][1,2,3]triazoles from Morita–Baylis–Hillman adducts of propargyl aldehydes**

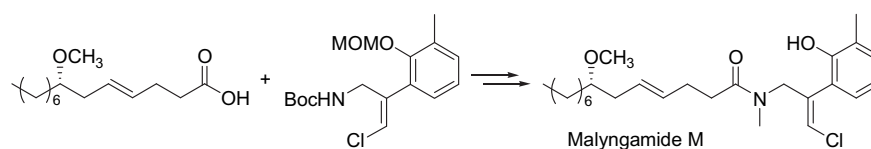
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Sun Pil Park, Sang-Hyun Ahn, Kee-Jung Lee*

**Total synthesis of malyngamide M and isomalyngamide M**

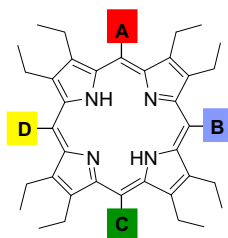
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Jie Chen, Zi-Fa Shi, Ling Zhou, An-Le Xie, Xiao-Ping Cao*

**Highly substituted 2,3,7,8,12,13,17,18-octaethylporphyrins with meso aryl residues**

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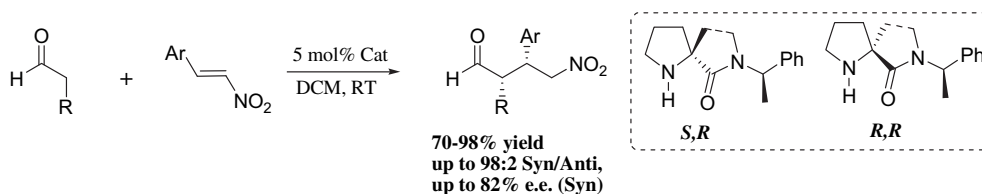
Mathias O. Senge*, Julia Richter, Ines Bischoff, Aoife Ryan



Structure–reactivity relationships of L-proline derived spirolactams and α -methyl prolinamide organocatalysts in the asymmetric Michael addition reaction of aldehydes to nitroolefins

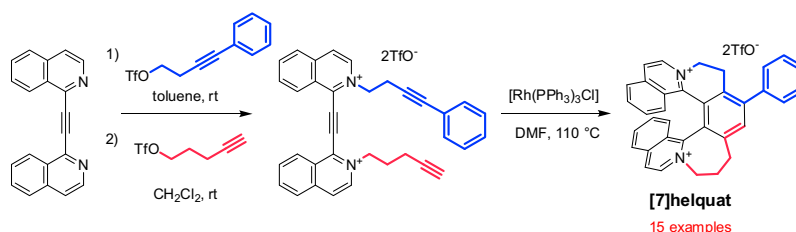
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Fintan Kelleher*, Sinead Kelly, John Watts, Vickie McKee


Highly modular assembly of cationic helical scaffolds: rapid synthesis of diverse helquats via differential quaternization

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Lukáš Severa, Louis Adriaenssens, Jan Vávra, David Šaman, Ivana Čiřařová, Pavel Fiedler, Filip Těplý*

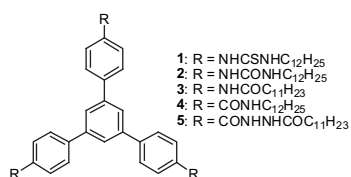


A protocol for rapid and highly modular assembly of a diverse set of helquats is described. From a common bis-isoquinoline precursor, two successive distinct pyridine-type nitrogen quaternizations followed by rhodium-catalyzed [2+2+2] cycloaddition afford non-symmetric [7]helquats. This route allows for straightforward molecular editing of cationic helical skeletons as exemplified by the synthesis of 15 different [5]-, [6]-, and [7]helquats. The use of pyridine-type nitrogen as a functionalization handle makes the route exclusively skeleton-building and therefore markedly step economic.



Novel C₃-symmetrical triphenylbenzene-based organogelators with different linkers between phenyl ring and alkyl chain

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Yabing He, Zheng Bian*, Chuanqing Kang, Yanqin Cheng, Lianxun Gao*



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 Supplementary data available via ScienceDirect



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