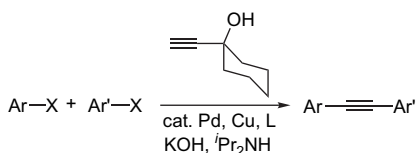


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### ARTICLES

**Ethynyl-cyclohexanol: an efficient acetylene surrogate in Sonogashira coupling**  
Márton Csékei, Zoltán Novák and András Kotschy\*

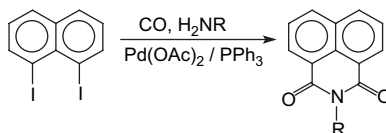
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**Facile synthesis of 1,8-naphthalimides in palladium-catalysed aminocarbonylation of 1,8-diiodo-naphthalene**

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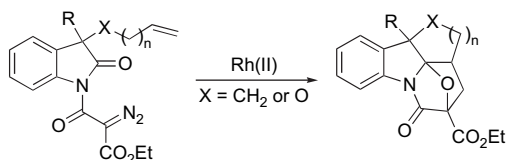
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**The rhodium(II) carbenoid cyclization–cycloaddition cascade of  $\alpha$ -diazo dihydroindolinones for the synthesis of novel azapolycyclic ring systems**

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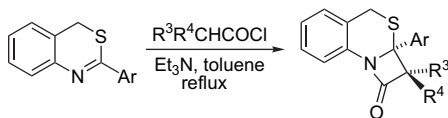
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**Novel  $\beta$ -lactam condensed 3-thiaquinolines: an efficient synthesis and structural characterization**

pp 1002–1011

Péter Csomós, Lajos Fodor,\* Gábor Bernáth, Jari Sinkkonen, Jari Salminen, Kirsti Wiinamäki and Kalevi Pihlaja

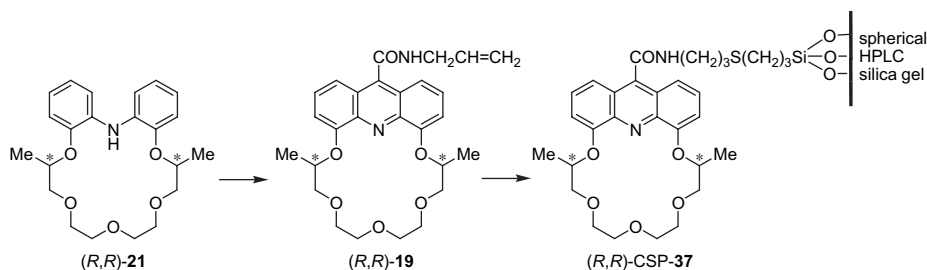


A series of novel monochloro-, dichloro-, and phenyl-substituted ( $R^3$  or/and  $R^4$ )  $\beta$ -lactams condensed with 3,1-benzothiazines were obtained by Staudinger reaction and studied by NMR spectroscopy and mass spectrometry.

**Preparation of a new chiral acridino-18-crown-6 ether-based stationary phase for enantioseparation of racemic protonated primary aralkyl amines**

pp 1012–1022

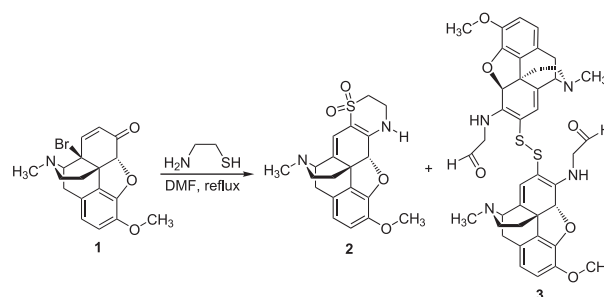
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**Synthesis of 1,4-thiazino- and benzo-1,4-thiazinomorphinans: their acid-catalyzed rearrangement and study of the formation of unexpected oxidation products**

pp 1023–1028

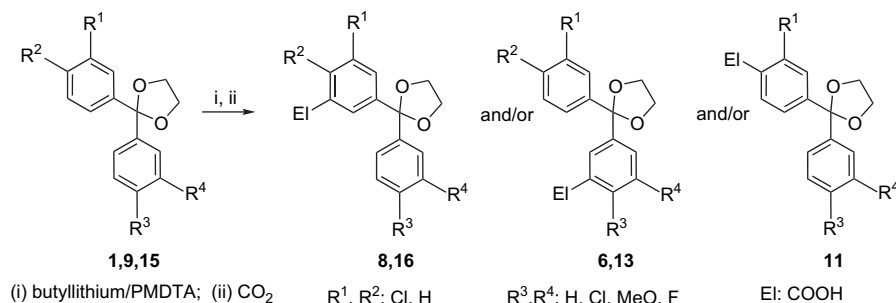
Attila Sipos,\* Levente Girán, Harald Mittendorfer, Helmut Schmidhammer and Sándor Berényi

The formation of 1,4-thiazine and benzo-1,4-thiazine rings was performed at the 6,7-positions of the morphinan backbone in order to synthesize systems annulated with a new six-membered ring providing potential pharmacological activity and the opportunity of easy functionalization. An unexpected oxidation of cyclic sulfur was observed in both cases affording either sulfones or open-ringed bis-morphinan-type by-product.

**Lithiation of 2-(chloroaryl)-2-aryl-1,3-dioxolanes with butyllithium activated by  $N,N,N',N'',N'''$ -pentamethyldiethylenetriamine**

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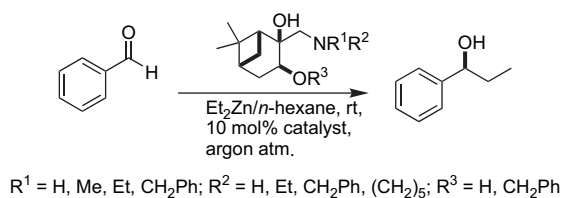
Márta Porcs-Makkay,\* Anna Komáromi, Gyula Lukács and Gyula Simig



**Synthesis and application of monoterpene-based chiral aminodiols**

pp 1034–1039

Zsolt Szakonyi, Anasztázia Hetényi and Ferenc Fülöp\*

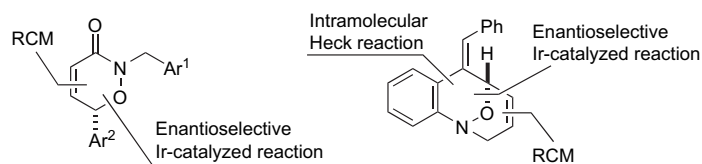


Primary, secondary and tertiary aminodiols derived from (–)- $\alpha$ -pinene were prepared and applied as chiral catalysts in the enantioselective addition of diethylzinc to aromatic aldehydes, resulting in (1*S*)-1-phenyl-1-propanol with up to ee 84%.

**Enantioselective synthesis of [1,2]-oxazinone scaffolds and [1,2]-oxazine core structures of FR900482**

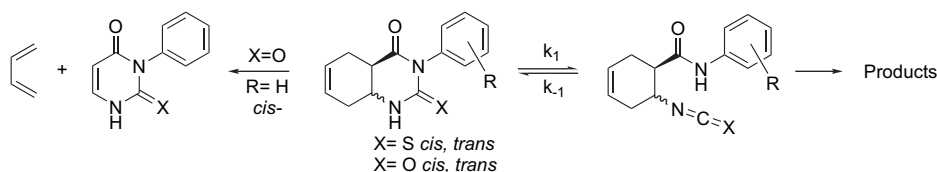
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Valluru Krishna Reddy, Hideto Miyabe, Masashige Yamauchi and Yoshiji Takemoto\*

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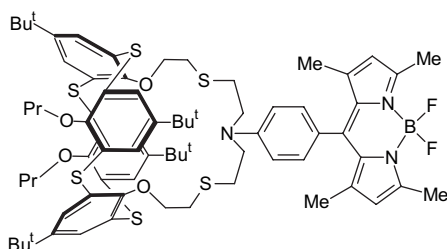
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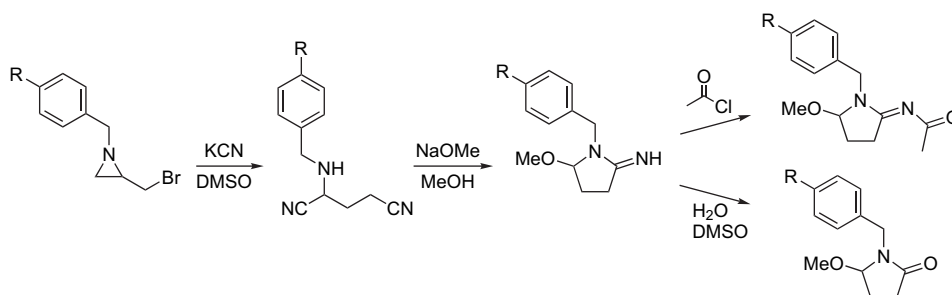
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### Novel synthesis of 2-aminopentanedinitriles from 2-(bromomethyl)aziridines and their transformation into 2-imino-5-methoxypyrrolidines and 5-methoxypyrrolidin-2-ones

pp 1064–1070

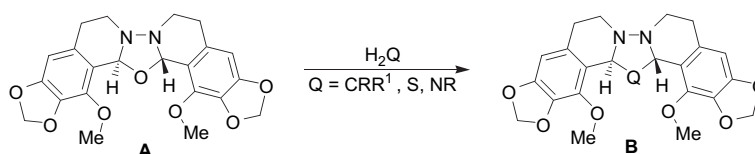
Matthias D'hooghe, Andries Van Nieuwenhove, Willem Van Brabant, Mario Rottiers and Norbert De Kimpe\*



### Synthesis of new condensed nitrogen heterocyclic systems

pp 1071–1076

Dezso Korbonits\*, Benjamin Podányi, Árpád Illár, Kálmán Simon, Miklós Hanusz, István Hermeecz\*

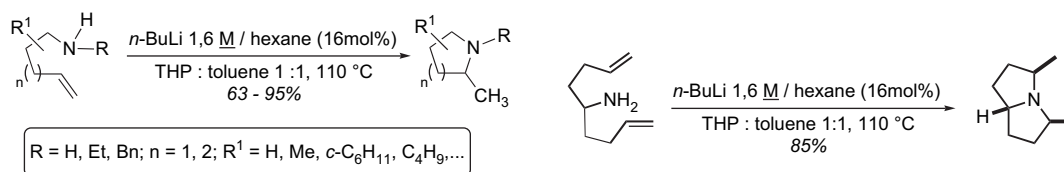


Substitution of the central O atom of the double intramolecular pseudosalt **A** by C, S, or N nucleophiles afforded representatives of three new heterocyclic systems **B**.

### Highly efficient, base-catalysed, intramolecular hydroamination of non-activated olefins

pp 1077–1087

Coralie Quinet, Pierre Jourdain, Christophe Hermans, Ali Ates, Isabelle Lucas, István E. Markó\*

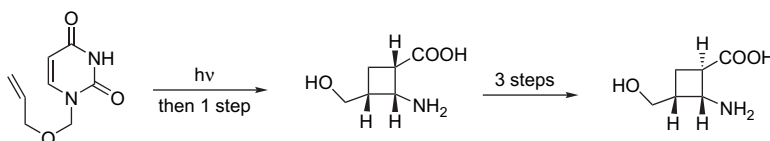


Mono, fused bicyclic and bridged bicyclic amines can be readily prepared by the *n*-BuLi-catalysed intramolecular hydroamination of non-activated olefins.

### Efficient synthesis of 3-hydroxymethylated *cis*- and *trans*-cyclobutane β-amino acids using an intramolecular photocycloaddition strategy

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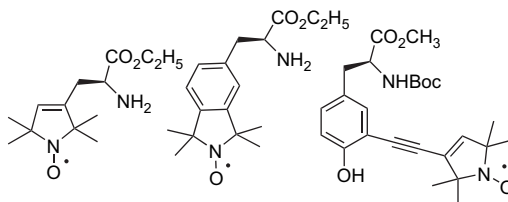
Aurélie Mondière, Runhui Peng, Roland Remuson\*, David J. Aitken\*



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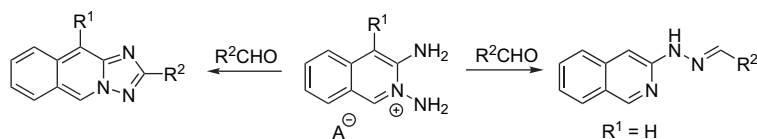
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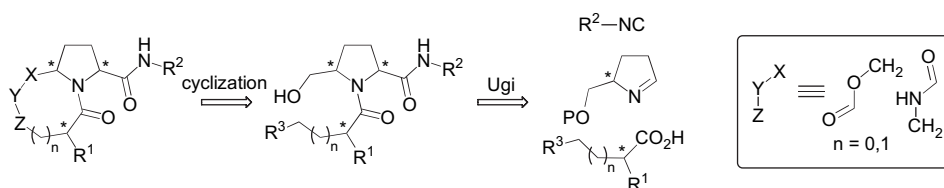
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**A convergent synthesis of enantiopure bicyclic scaffolds through multicomponent Ugi reaction**

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Luca Banfi, Andrea Basso, Giuseppe Guanti, Silvia Merlo, Claudio Repetto, Renata Riva\*



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\*Corresponding author

①+ Supplementary data available via ScienceDirect



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