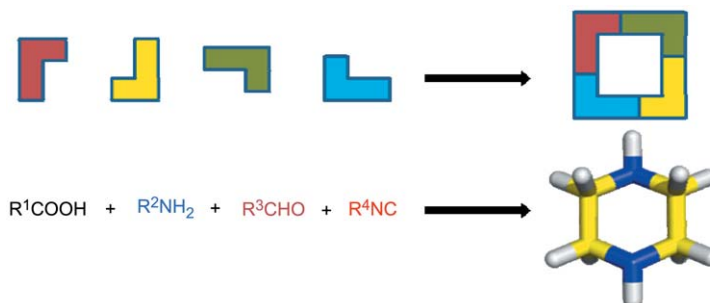
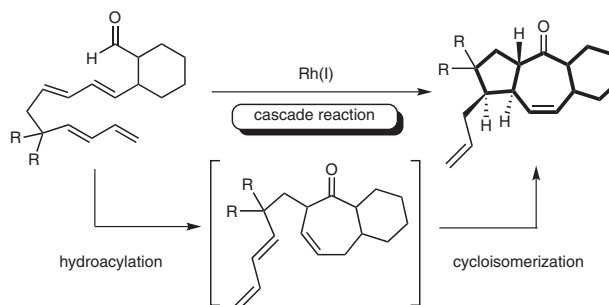


2859 A. Dömling\*  
Y. Huang

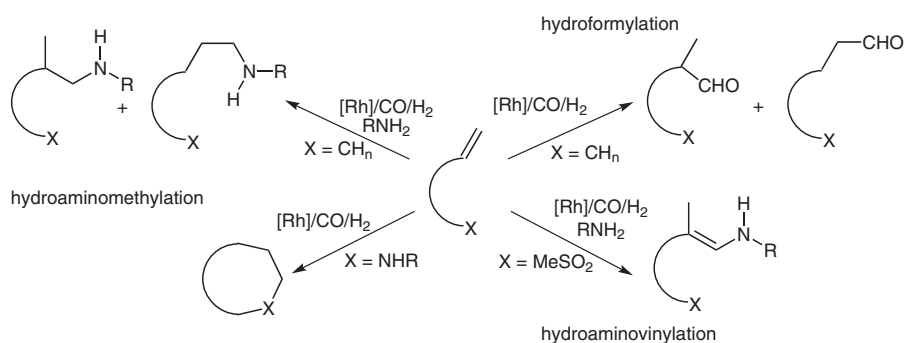
## Piperazine Scaffolds via Isocyanide-Based Multicomponent Reactions

2884 Y. Oonishi  
A. Taniuchi  
Y. Sato\*

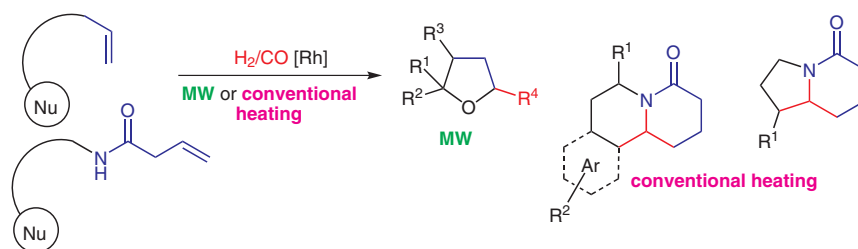
## Rhodium(I)-Catalyzed Hydroacylation/Cycloisomerization Cascade Reaction: Application to the Construction of the Tricyclic Core of Guanacastepenes

2893 M. Vasylyev  
H. Alper\*

## Conventional and Tandem Hydroformylation

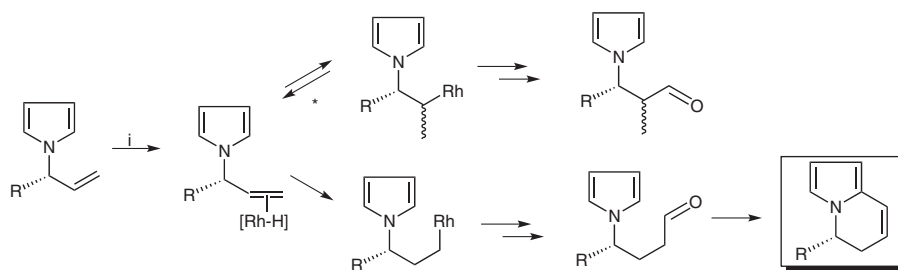


- 2901** E. Airiau  
C. Chemin  
N. Girard  
G. Lonzi  
A. Mann\*  
E. Petricci  
J. Salvadori  
M. Taddei\*



- 2915** R. Settambolo\*

**Crucial Role of  $\beta$ -Elimination in Determining Regio- and Chemoselectivity of the Rhodium-Catalyzed Hydroformylation of *N*-Allylpyrroles: A New Approach to 5,6-Dihydroindolizines**

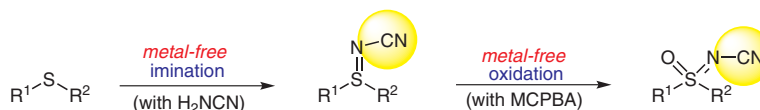


(i) [  $\text{Rh}_4\text{CO}_{12}$  ],  $\text{CO}/\text{H}_2$  (1:1) 30–100 atm, 25–125 °C, toluene

\*  $\beta$ -elimination occurs only at high temperature

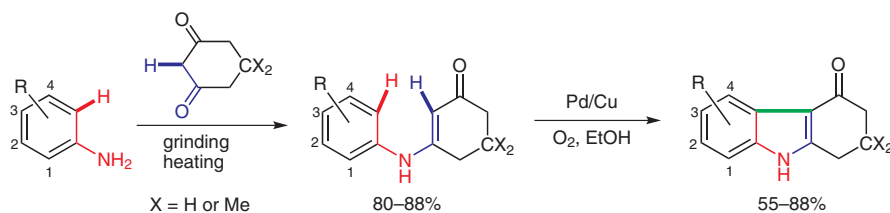
- 2922** A. Pandey  
C. Bolm\*

**Metal-Free Synthesis of *N*-Cyano-Substituted Sulfilmines and Sulfoximines**



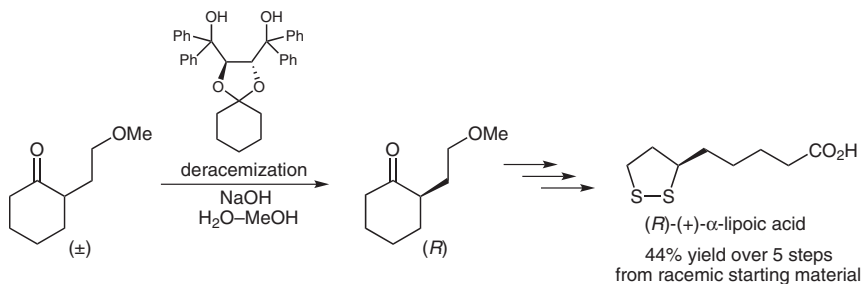
- 2926** B. Weng  
R. Liu  
J.-H. Li\*

**An Improved Method for the Synthesis of Carbazolones by Palladium/Copper-Catalyzed Intramolecular Annulation of *N*-Arylenaminones**



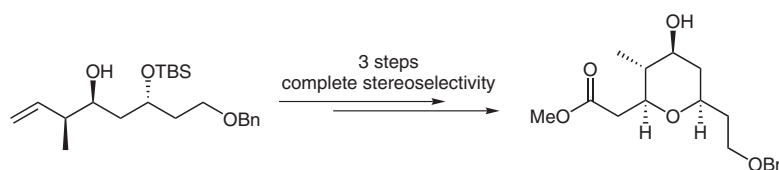
- 2931** H. Kaku\*  
N. Okamoto  
T. Nishii  
M. Horikawa  
T. Tsunoda\*

**Enantioselective Total Synthesis of (*R*)- $\alpha$ -Lipoic Acid: An Application of Thermodynamically Controlled Deracemization of ( $\pm$ )-2-(2-Methoxyethyl) cyclohexanone**



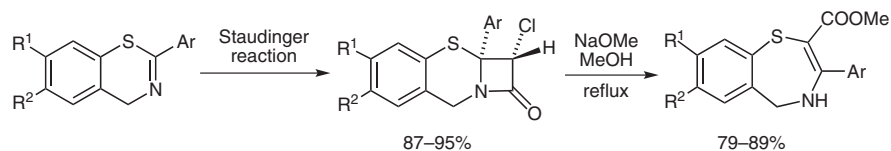
- 2935** R. W. Bates  
P. Song

**Tetrahydropyran Synthesis by Intramolecular Conjugate Addition to Enones: Synthesis of the Clavosolide Tetrahydropyran Ring**



- 2943** L. Fodor\*  
P. Csomós  
A. Csámpai  
P. Sohár\*

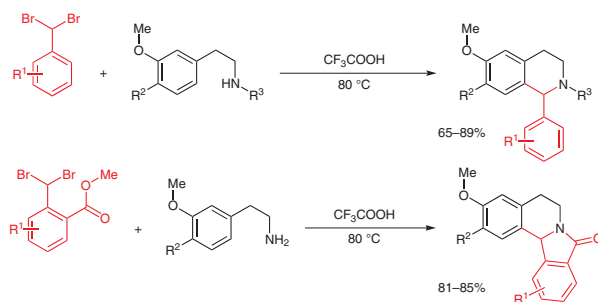
**A Convenient Synthesis of 1,4-Benzothiazepines from 1,3-Benzothiazines via the Ring Transformation of  $\beta$ -Lactam-Condensed 1,3-Benzothiazine Derivatives**



Ar = 4-BrC<sub>6</sub>H<sub>4</sub>; 3-BrC<sub>6</sub>H<sub>4</sub>; 3,4,5-(MeO)<sub>3</sub>C<sub>6</sub>H<sub>2</sub> and R<sup>1</sup> = R<sup>2</sup> = MeO  
Ar = 4-ClC<sub>6</sub>H<sub>4</sub>; 4-FC<sub>6</sub>H<sub>4</sub>; 4-MeC<sub>6</sub>H<sub>4</sub> and R<sup>1</sup> = H, R<sup>2</sup> = Me

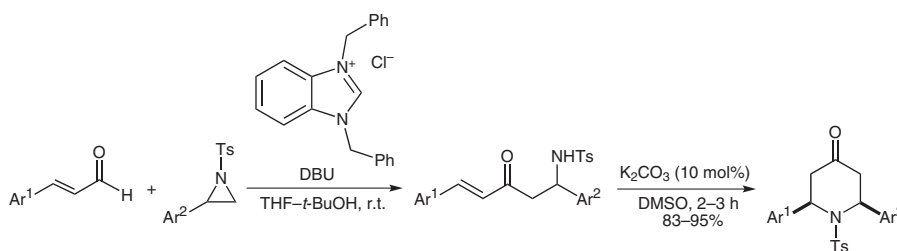
- 2949** N. Chowdappa  
B. S. Sherigara  
J. K. Augustine\*  
K. Areppa  
A. B. Mandal

***gem*-Dibromomethylarenes as Aldehyde Surrogates in the Pictet–Spengler Synthesis of Tetrahydroisoquinolines and Isoindoloisoquinolones**



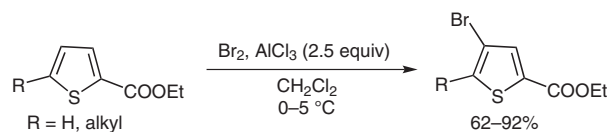
- 2957** S. Singh  
V. K. Rai  
P. Singh  
L. D. S. Yadav\*

**Expedient Synthesis of Functionalized Piperidines by Regioselective Ring Opening of Aziridines by Enals Catalyzed by an N-Heterocyclic Carbene**



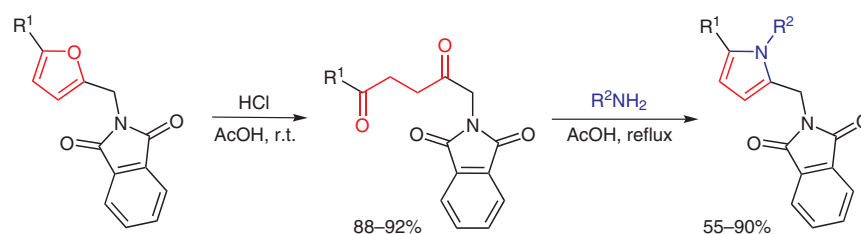
- 2965** I. V. Taydakov\*  
S. S. Krasnoselskiy

**Direct Bromination of Ethyl 5-Alkylthiophene-2-carboxylates**



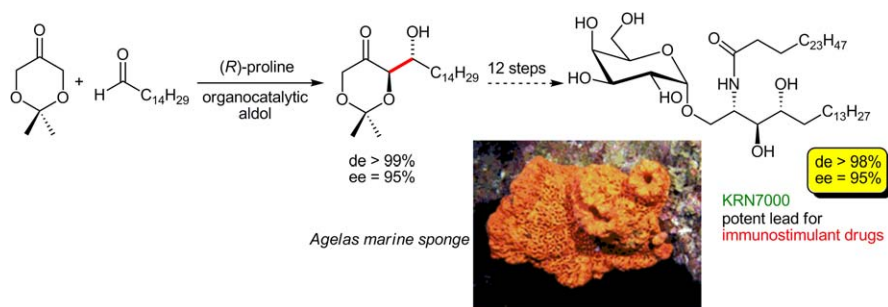
- 2969** A. V. Butin\*  
T. A. Nevolina  
V. A. Shcherbinin  
M. G. Uchuskin  
O. V. Serdyuk  
I. V. Trushkov

**Furan Ring Opening–Pyrrole Ring Closure: Simple Route to 5-Alkyl-2-(aminomethyl)pyrroles**



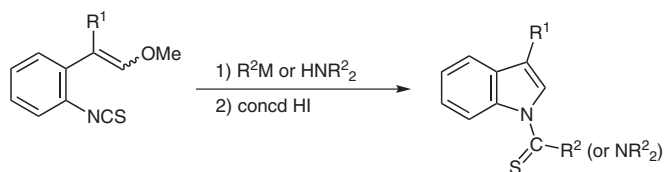
- 2979** D. Enders\*  
V. Terteryan  
J. Paleček

**Asymmetric Synthesis of the  $\alpha$ -D-Galactosyl Ceramide KRN7000 via an Organocatalytic Aldol Reaction as Key Step**



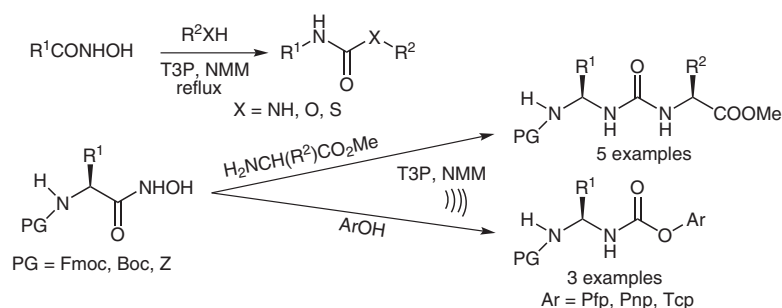
2985 S. Fukamachi  
S. Fujita  
K. Murahashi  
H. Konishi  
K. Kobayashi\*

### Synthesis of 3-Substituted 1-Thioacyl- and 1-Thiocarbamoylindoles from $\alpha$ -Substituted 2-Isocyanato- $\beta$ -methoxystyrenes



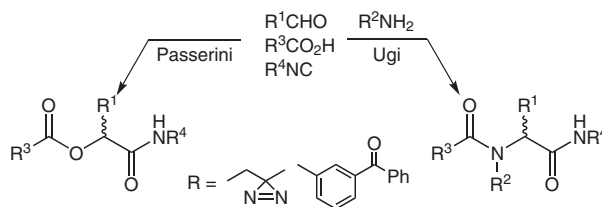
2990 B. Vasantha  
H. P. Hemantha  
V. V. Sureshbabu\*

### 1-Propanephosphonic Acid Cyclic Anhydride (T3P) as an Efficient Promoter for the Lossen Rearrangement: Application to the Synthesis of Urea and Carbamate Derivatives



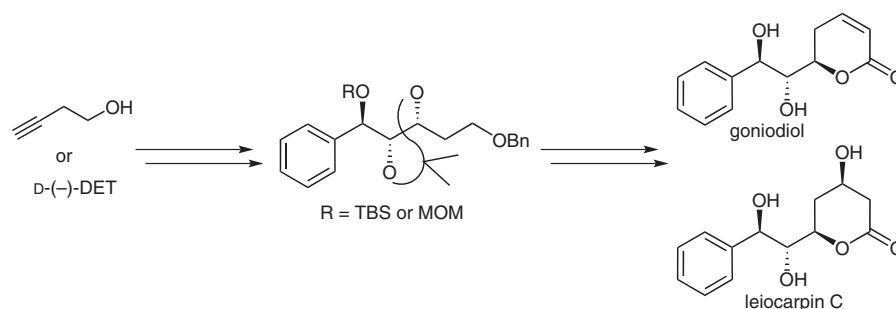
2997 M. Henze  
O. Kreye  
S. Brauch  
C. Nitsche  
K. Naumann  
L. A. Wessjohann  
B. Westermann\*

### Photoaffinity-Labeled Peptoids and Depsipeptides by Multicomponent Reactions



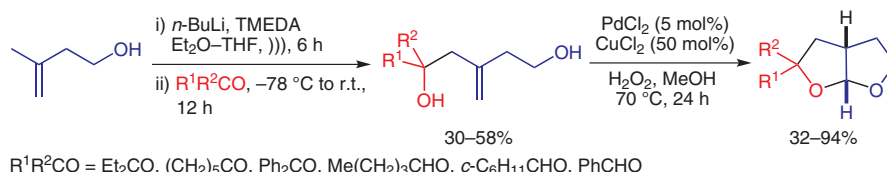
3004 J. S. Yadav\*  
V. H. Krishna  
A. Srilatha  
R. Somaiah  
B. V. S. Reddy

### Stereoselective Total Synthesis of Leiocarpin C and (+)-Goniodiol



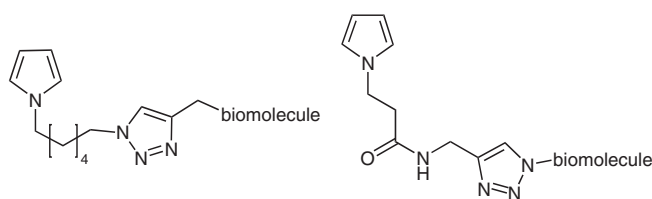
- 3013** F. Alonso\*  
M. Rodríguez-Fernández  
D. Sánchez  
M. Yus\*

**Ultrasound-Promoted Formation of Isopentenyl Alcohol Dianion:  
Straightforward Synthesis of Perhydrofuro[2,3-*b*]furans**



- 3021** S. Karsten  
M. A. Ameen  
S. I. Källäne  
A. Nan  
R. Turcu  
J. Liebscher\*

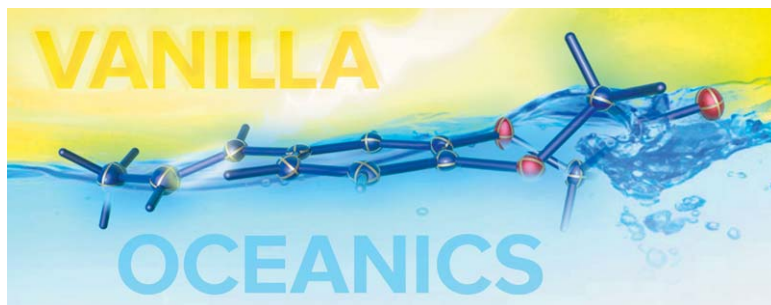
**A Versatile Method of Tethering Biomolecules to Pyrrole Precursors for  
Functionalized Magnetic Polypyrrole Core-Shell Nanoparticles**



biomolecule = cholesterol, biotin, uridine, hexoses

- 3029** P. Kraft\*  
K. Popaj  
P. Müller  
M. Schär

**‘Vanilla Oceanics’: Synthesis and Olfactory Properties of  
(1*E*)-7-(Prop-1'-enyl)-2*H*-benzo[*b*][1,4]dioxepin-3(4*H*)-ones and Homologues**



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