

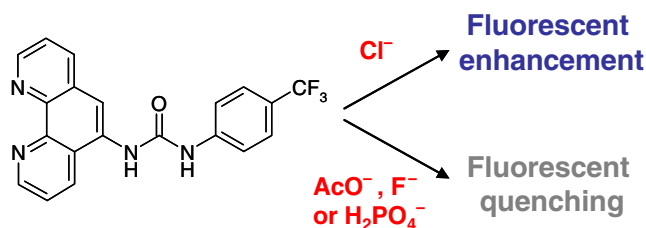
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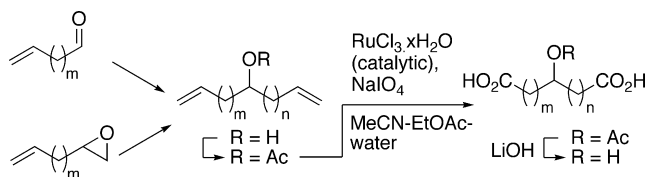
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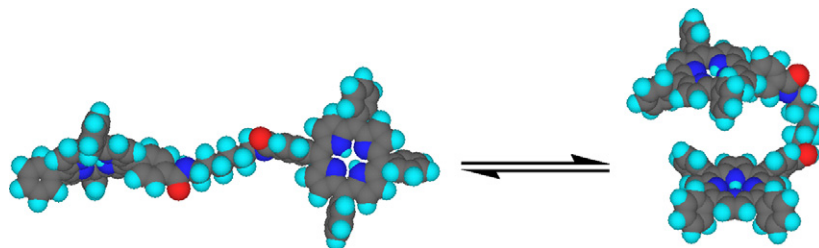
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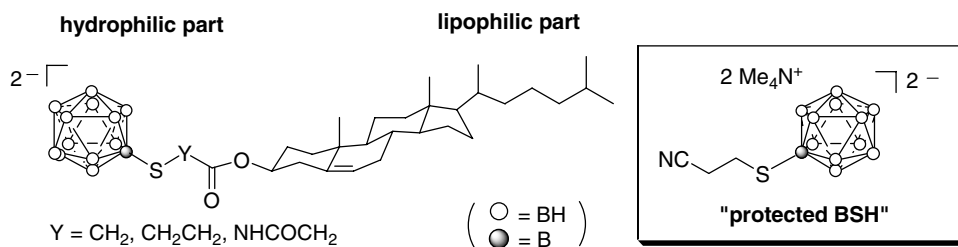
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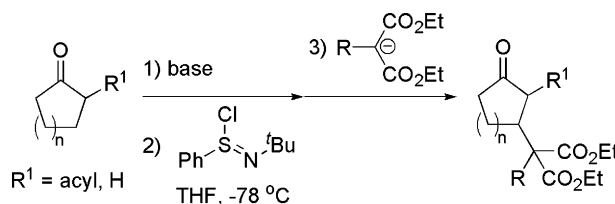


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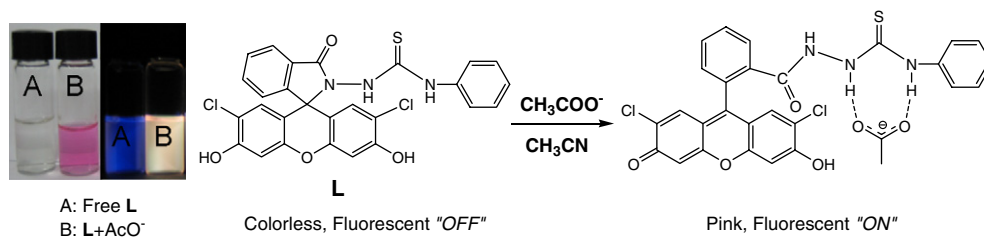
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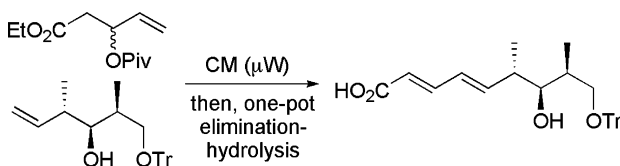
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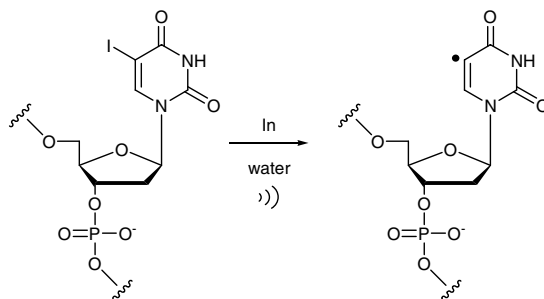

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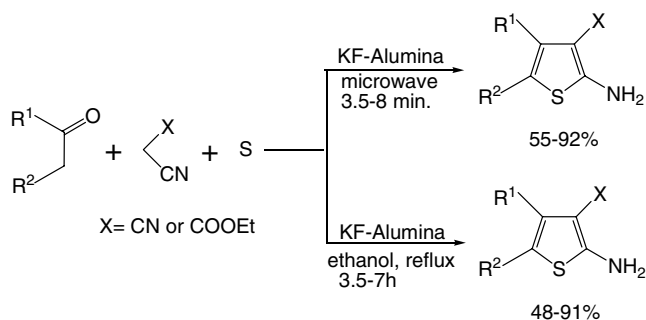
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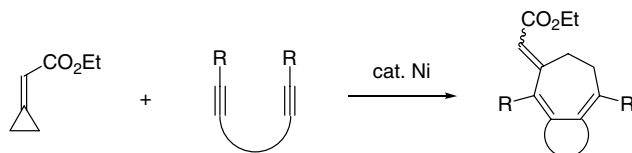
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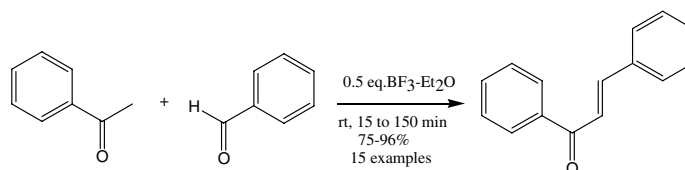
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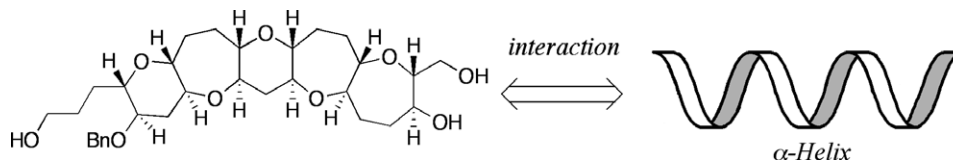


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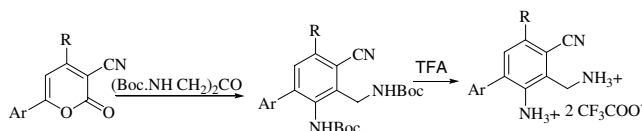
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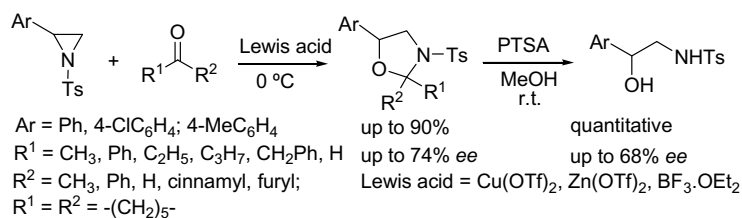
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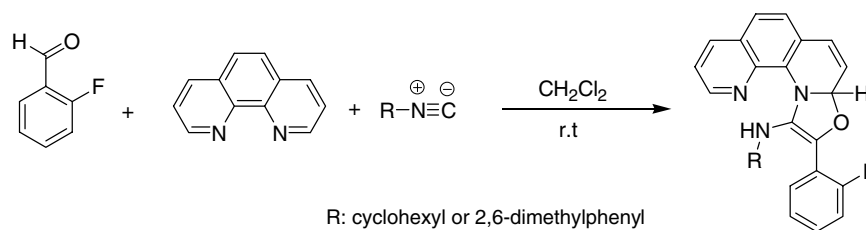
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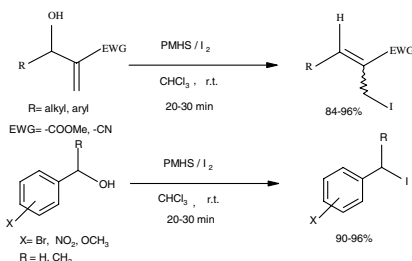


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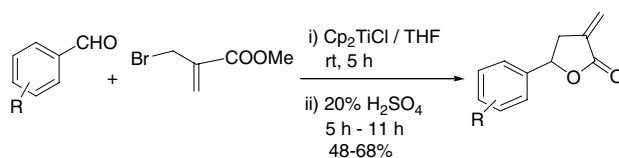
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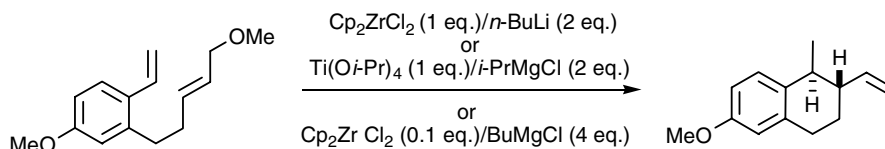
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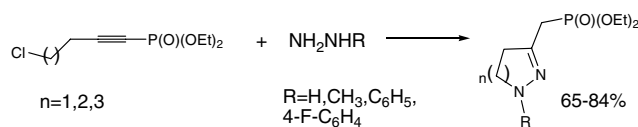


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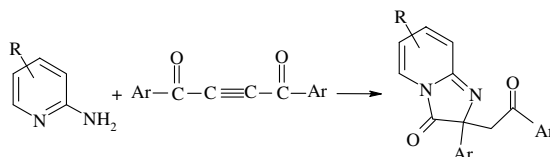
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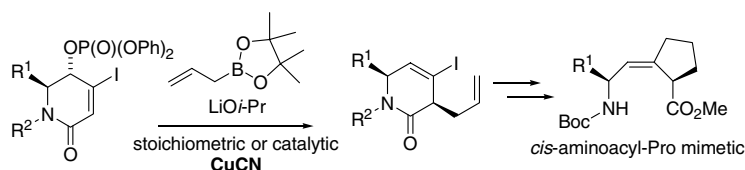
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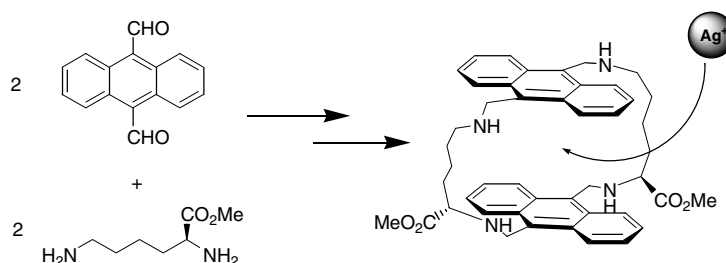
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**L-Lysine-linked anthracenophane derived from thermodynamically controlled intermediates**

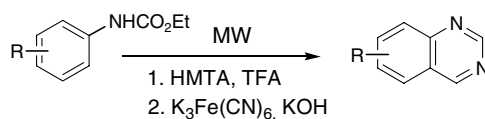
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Ryuta Kutsumizu, Hideyuki Shinmori and Toshifumi Takeuchi\*

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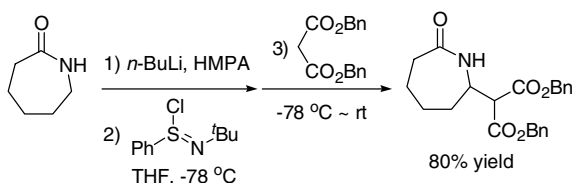
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**One-pot oxidative Mannich-type reaction of lactams with alkyl malonates**

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Jun-ichi Matsuo,\* Yumi Tanaki and Hiroyuki Ishibashi\*



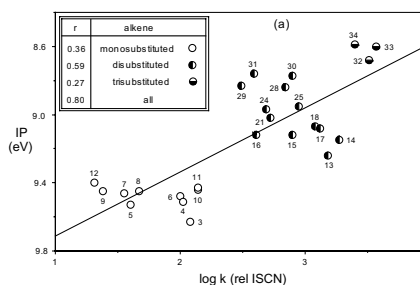
A carbon–carbon bond was directly introduced at the  $\alpha$ -position of the nitrogen atom of lactams by oxidation with  $\text{PhS}(\text{Cl}=\text{N}^t\text{Bu})$  followed by the reaction with dialkyl malonates.



**Substituent effects in addition of iodine thiocyanate to alkenes**

pp 3237–3241

Christopher N. Brammer, Donna J. Nelson\* and Ruibo Li

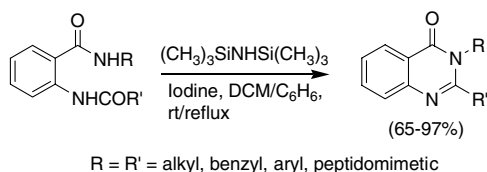


The plot of logarithms of relative rates of ISCN addition to alkenes versus alkene IPs reveals that the alkene relative reactivity depends upon both electronic and steric effects of the substituents. Relative position, size, and branching of alkyl substituents contribute to the steric effects, in addition to the degree of substitution on  $\text{C}=\text{C}$ .

**Hexamethyldisilazane-iodine induced intramolecular dehydrative cyclization of diamides: a general access to natural and unnatural quinazolinones**

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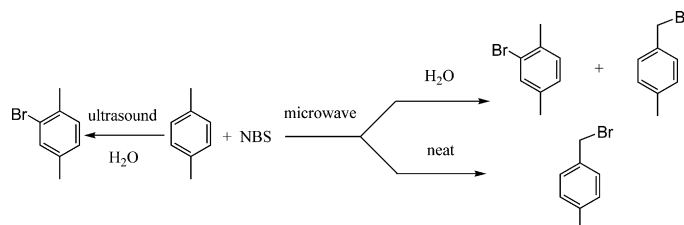
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**Contrasting chemoselectivities in the ultrasound and microwave assisted bromination reactions of substituted alkylaromatics with N-bromosuccinimide**

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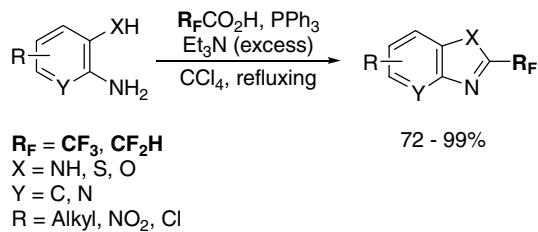
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**One-pot synthesis of 2-trifluoromethyl and 2-difluoromethyl substituted benzo-1,3-diazoles**

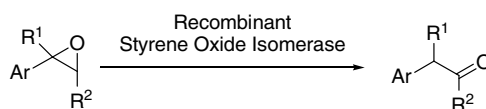
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Fenglian Ge, Zengxue Wang, Wen Wan, Wencong Lu and Jian Hao\*

**Substrate specificity and reaction mechanism of recombinant styrene oxide isomerase from *Pseudomonas putida* S12**

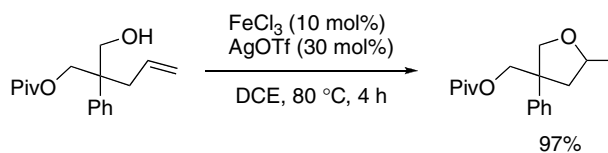
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Kenji Miyamoto, Kou Okuro and Hiromichi Ohta\*

**Cationic iron-catalyzed intramolecular hydroalkoxylation of unactivated olefins**

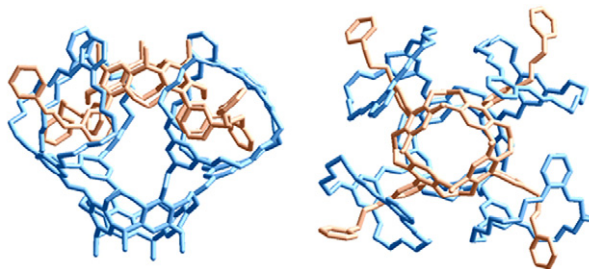
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Kimihiro Komeyama,\* Takayuki Morimoto, Yuushou Nakayama and Ken Takaki\*

**Hetero dimer from tetrakisammonium cavitand and tetratopic crown ether cavitand**

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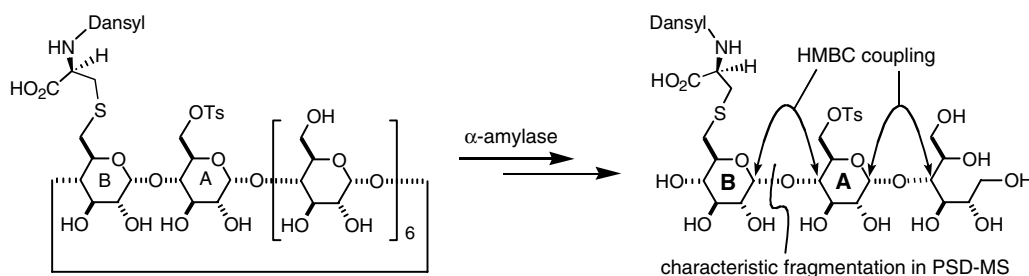
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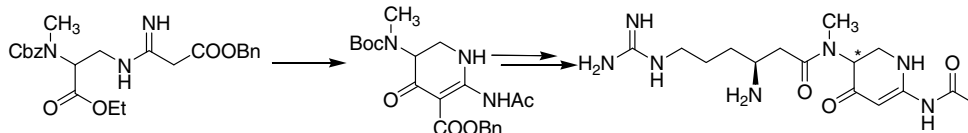
**Hetero-bifunctional  $\gamma$ -cyclodextrins having dansylcysteine and tosyl groups at two adjacent sugar units: synthesis and determination of regio-chemistry** pp 3267–3271

Hua Yu, Yuji Makino, Makoto Fukudome, Ru-Gang Xie, De-Qi Yuan\* and Kahee Fujita\*



**A facile construction of the 3,6-diamino-1,2,3,4-tetrahydropyridine-4-one scaffold: synthesis of N-3 to carbon replacement analog of TAN-1057A/B** pp 3273–3275

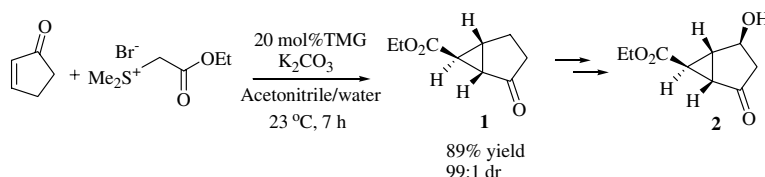
Lijun Zhang, Choung U. Kim and Lianhong Xu\*



A facile construction of the 3,6-diamino-1,2,3,4-tetrahydropyridine-4-one class of compounds is described. A carbon analog at the N-3 position of TAN-1057A/B was synthesized using this approach.

**TMG catalyzed cyclopropanation of cyclopentenone. Illustration by a simple synthesis of bicyclo[3.1.0]hexane-2-one derivatives** pp 3277–3279

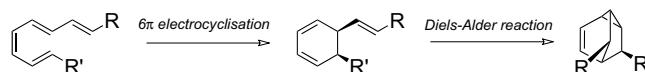
Fuyao Zhang,\* Eric D. Moher and Tony Y. Zhang



The catalytic preparation of bicyclo[3.1.0]hexane-2-one-6-carboxylic acid ethyl ester **1** is described by cyclopropanation of cyclopentenone using TMG as a catalyst in high yield and high diastereoselectivity.

**Domino pericyclic reactions of acyclic conjugated (E,Z,E,E)-tetraenes** pp 3281–3284

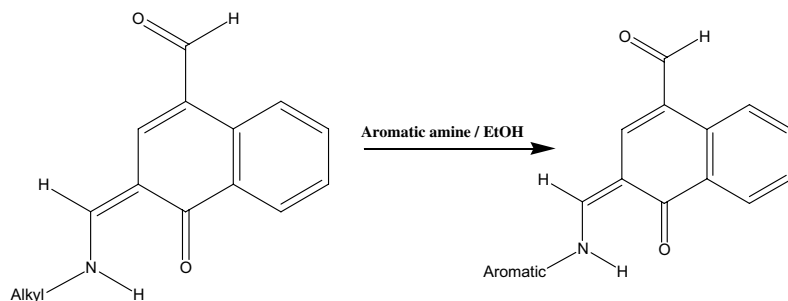
Danielle Skropeta\* and Rodney W. Rickards



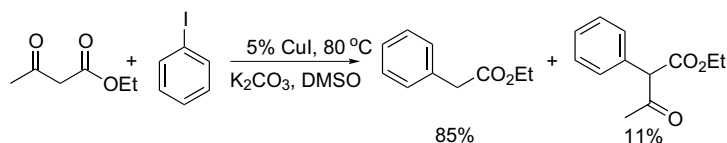
Conjugated (E,Z,E,E)-tetraenes, upon thermolysis, undergo a domino pericyclic process involving a  $6\pi$  electrocycloisomerization followed by an intramolecular Diels–Alder reaction to give tricyclo[3.2.1.0<sup>2,7</sup>]oct-3-enes.



**Vicarious nucleophilic substitution in enamine derivatives of 1-hydroxynaphthalene-2,4-dicarbaldehyde** pp 3285–3287  
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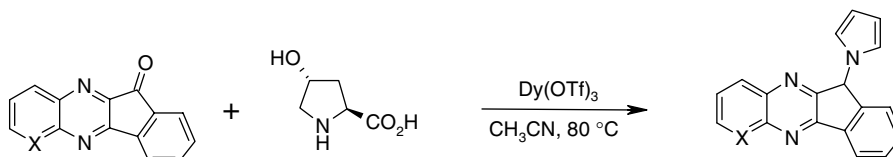
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 Jacob G. Zeevaart, Christopher J. Parkinson\* and Charles B. de Koning



The CuI-catalysed arylation of ethyl acetoacetate in the absence of additional ligand and subsequent deacylation to prepare a number of 2-arylacetic acid esters is described.

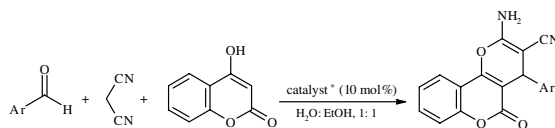
**Dy(OTf)<sub>3</sub> as a versatile catalyst for the synthesis of 3-pyrrolyl-indolinones and pyrrolyl-indeno-[1,2-*b*]quinoxalines** pp 3295–3298

J. S. Yadav,\* B. V. Subba Reddy, Ruchi Jain and Ch. Suresh Reddy



**Novel and efficient catalysts for the one-pot synthesis of 3,4-dihydroprano[*c*]chromene derivatives in aqueous media** pp 3299–3303

Shahrzad Abdolmohammadi and Saeed Balalaie\*

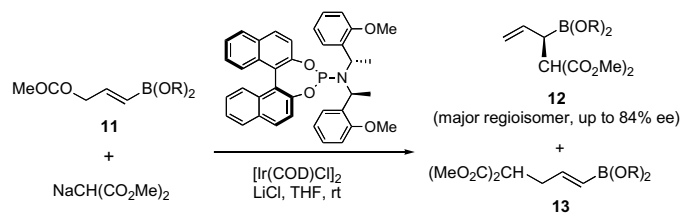


**Catalyst:** A: 10 mol% diammonium hydrogen phosphate, r.t.  
 B: 10 mol% (*S*)-proline, reflux.

**Preparation of  $\alpha$ -substituted allylboronates by chemoselective iridium-catalyzed asymmetric allylic alkylation of 1-propenylboronates**

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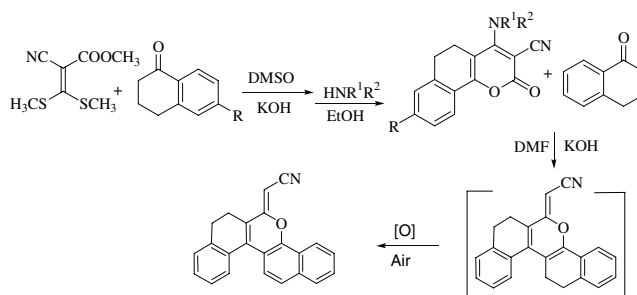
Feng Peng and Dennis G. Hall\*



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Ramendra Pratap, Rishi Kumar, Prakas R. Maulik and Vishnu Ji Ram\*



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\*Corresponding author

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