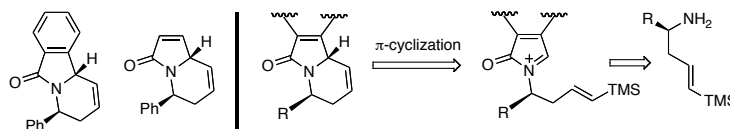


## ■ COMMUNICATIONS

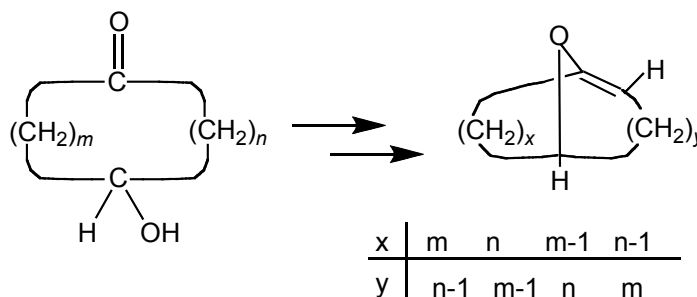
**2193 An Enantioselective Approach to Synthesis of Advanced Chiral Templates for the Construction of Indolic and Indolizidinic Alkaloids**

Radouane Affani, Sébastien Comesse,\* Adam Daïch,\* Louis Hamon, and Catherine Kadouri-Puchot\*


 Indolizidine     $\pi$ -Cationic Cyclization    *anti*-Acyliminium Ion    Enantioselectivity    Alkaloid

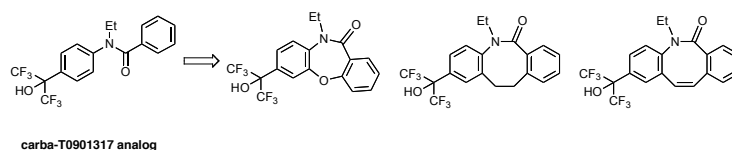
**2201 Transformation of Hydroxycycloalkanones to Oxabicycloalkenes**

Guido Krämer, Heiner Detert, and Herbert Meier\*


 Oxobicycloalk-1-ene    *anti*-Bredt Enol Ether    Transannular Addition    Catalytic Dehydration

**2209 Liver X Receptor (LXR) Modulators with Dibenz[*b,f*][1,4]-oxazepin-11-one, (*Z*)-Dibenz[*b,f*]azocin-6-one, and 11,12-Dihydrodibenz[*b,f*]azocin-6-one Skeletons**

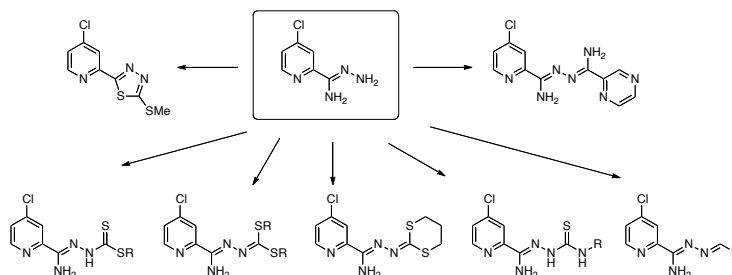
Atsushi Aoyama, Hiroshi Aoyama, Makoto Makishima, Yuichi Hashimoto, and Hiroyuki Miyachi\*


 Liver X Receptor    LXR    Dibenz[*b,f*][1,4]oxazepin-11-one    (*Z*)-Dibenz[*b,f*]azocin-6-one    11,12-Dihydrodibenz[*b,f*]azocin-6-one

## ■ PAPERS

**2217 The Synthesis and Microbiological Activity of New 4-Chloropyridin-2-yl Derivatives**

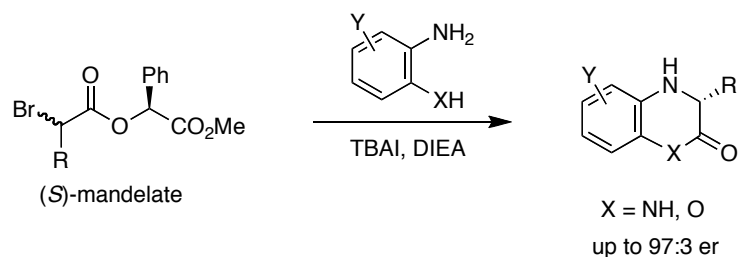
Agnieszka Bogdanowicz,\* Henryk Foks, Anna Kędzia, Ewa Kwapisz, Zofia Zwolska, and Ewa Augustynowicz-Kopec



Amidrazone    1,2,4-Triazole    1,3,4-Thiadiazole    Antibacterial Activity    Tuberculostatic Activity

**2233 (S)-Mandelate-Mediated Dynamic Kinetic Resolution of  $\alpha$ -Bromo Esters for Asymmetric Syntheses of Aminoflavones, Dihydroquinoxalinones and Dihydrobenzoxazinones**

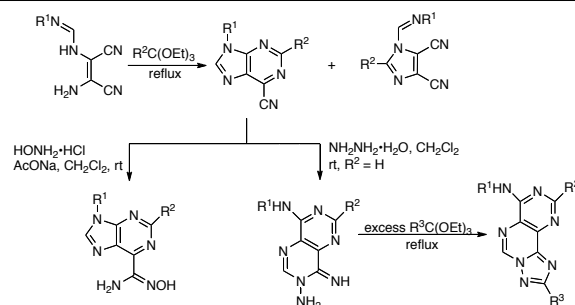
Yoon Min Lee and Yong Sun Park\*



Dynamic Kinetic Resolution    Asymmetric Synthesis    Nucleophilic Substitution    Flavonoid    Chiral Auxiliary

**2245 Reactions of 9-Aryl-6-cyanopurines with Primary Amines**

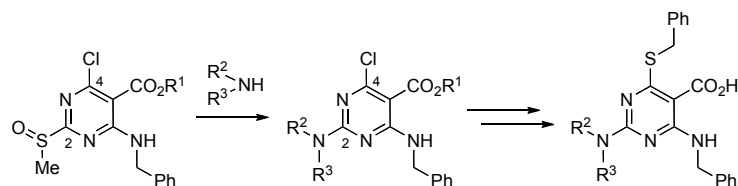
Amal Al-Azmi\* and K. Anita Kumari



Amidinopurine    Cyanopurine    Imidazole    Hydroxylamine

**2263 Chemoselective Displacement of Methylsulfinyl Group with Amines to Provide 2-Alkylamino-4,6-disubstituted Pyrimidine-5-carboxylic Acid**

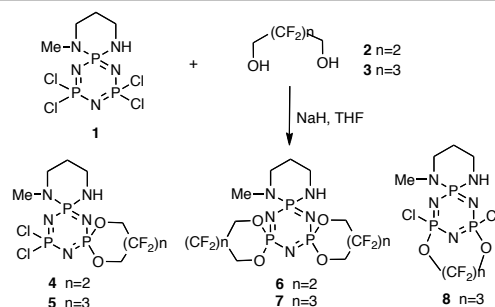
Shigeki Seto\* and Yasushi Kohno



Chemoselective Reaction    Amine    Pyrimidine    Methylsulfinyl Group

**2277 The Reactions of  $N_3P_3Cl_4[NH(CH_2)_3NMe]$  with Difunctional Fluoro Alcohols**

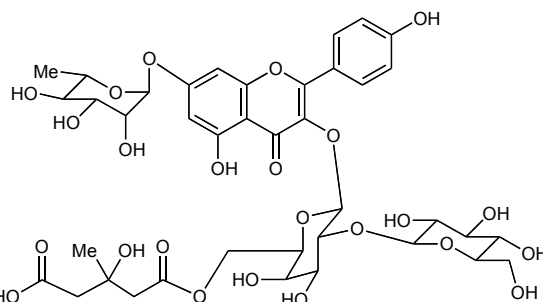
Esra Tanrıverdi, Adem Kılıç, Serpil Harbeck, and Gönül Yenilmez Çiftçi\*



Phosphazene    Trimer    Cyclotriphosphazene    Difunctional Alcohol    Fluorinated Diol

**2287 Flavonoid Glycosides Isolated from the Blue Flowers of *Nigella damascena***

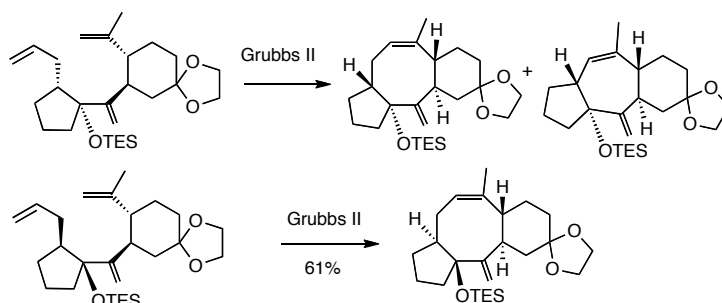
Kenjiro Toki,\* Norio Saito, Ai Nogami, Fumi Tatsuzawa, Atsushi Shigihara, and Toshio Honda



*Nigella damascena*    Ranunculaceae    Flower Color    Flavonol    Acylated Kaempferol 3-Glucosylgalactoside-7-rhamnoside

**2295 Trisubstituted Double Bond in the Cyclooctene Ring. Preparation Using the RCM Reaction**

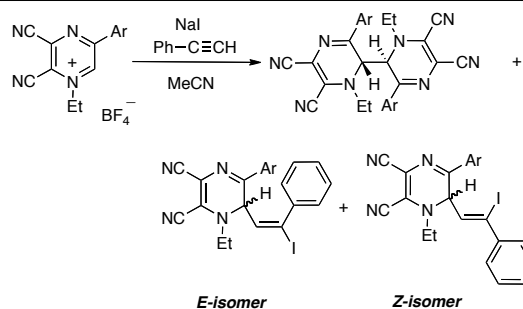
Reiko Mizutani, Takuo Miki, Katsuyuki Nakashima, Masakazu Sono, and Motoo Tori\*



Ring Closing Metathesis    Grubbs Catalyst    Cyclization    Eight-Membered Ring    Stereochemistry

**2315 Reactions of Radicals Generated from 1-Ethyl-1,4-diazinium Salts: Addition to the C-C Triple Bond versus Dimerization**

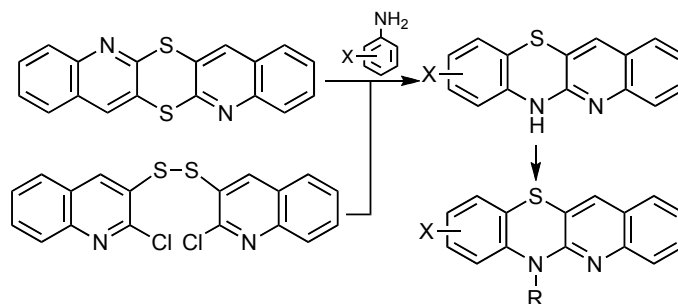
Gennadiy L. Rusinov,\* Egor V. Verbitskiy, Pavel A. Slepukhin, Olga N. Zabelina, Mikhail I. Kodess, Marina A. Ezhikova, Valeriy N. Charushin, and Oleg N. Chupakhin



Diazinium Salt    Radical    Arylacetylene    C-C Coupling    Pyrazine

**2325 Synthesis of Quinobenzo-1,4-thiazines from Diquino-1,4-dithiin and 2,2'-Dichloro-3,3'-diquinoliny Disulfide**

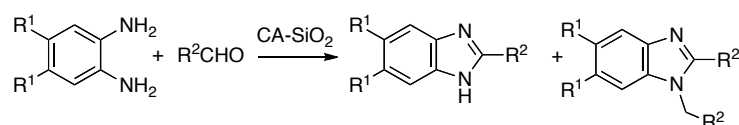
Małgorzata Jeleń and Krystian Pluta\*



Quinobenzo-1,4-thiazine    Diquino-1,4-dithiin    2,2'-Dichloro-3,3'-diquinoliny disulfide    Azaphenothiazine    Thiazine Ring Formation

**NOTES**
**2337 Caro's Acid-Silica Gel Catalyzed Synthesis of 2-Aryl-1H-benzimidazoles and 2-Aryl-1-arylmethyl-1H-benzimidazoles**

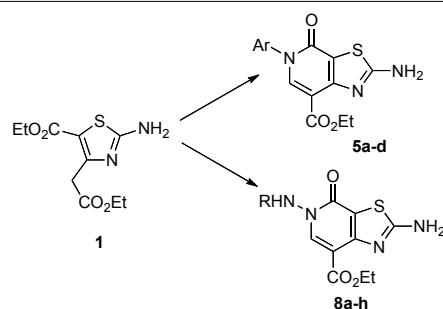
Ali A. Mohammadi,\* Javad Azizian, and Narges Karimi



Caro's Acid    2-Arylbenzimidazole    2-Aryl-1-arylmethyl-1H-1,3-benzimidazole    o-Phenylenediamine    Arylaldehyde

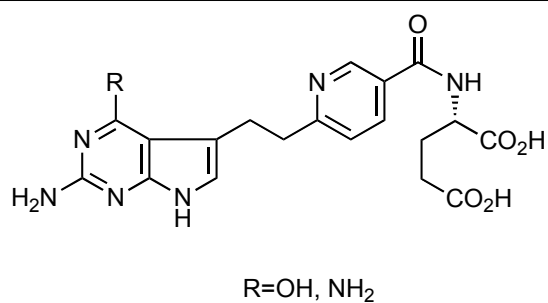
**2343 Transformations of Ethyl 2-Amino-4-(2-ethoxy-2-oxoethyl)-thioazole-5-carboxylate into 5-Substituted 2-Amino-4-oxo-4,5-dihydrothiazolo[5,4-*c*]pyridine-7-carboxylates**

Alen Albreht, Uroš Uršič, Jurij Svete, and Branko Stanovnik\*


 Acetone-1,3-dicarboxylate    Enaminone    2-Amino-5-aryl-amino- and 2-Amino-5-aryl-4-oxo-4,5-dihydrothiazolo[5,4-*c*]pyridine-7-carboxylates

**2353 Synthesis of Pyrrolo[2,3-*d*]pyrimidine Analogues: "Pyridine Ring" Analogues of Pemetrexed**

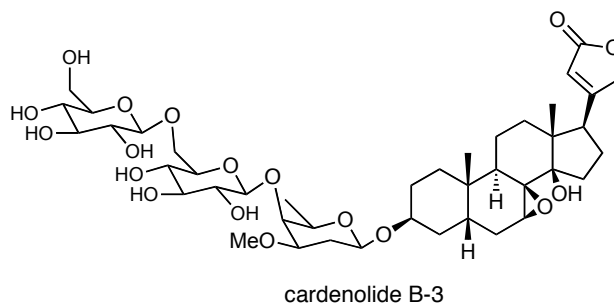
Yun Xu, Mingfeng Yu, Yan Long, Han Wu, and Zhenmin Mao\*



Pemetrexed    Pyridine Ring    Synthesis    Michael Reaction    Nef Reaction

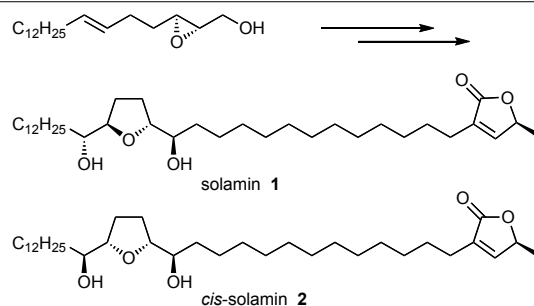
**2361 A New Cardenolide Triglycoside from Stems and Twigs of *Nerium oleander***

Liming Bai,\* Ryo Hasegawa, Katsutoshi Hirose, Mariko Ando, Jun-ichi Sakai, and Masayoshi Ando


 Cardenolide B-3     $\beta$ -Glucopyranosyl-(1 $\rightarrow$ 6)- $\beta$ -glucopyranosyl-(1 $\rightarrow$ 4)- $\beta$ -diginopyranoside    7 $\beta$ ,8-Epoxy-14-hydroxy-5 $\beta$ ,14 $\beta$ -card-20(22)-enolide

**2369 A Concise Synthesis of Solamin and *cis*-Solamin, Mono-THF Acetogenins from *Annona muricata***

Hidefumi Makabe,\* Asuka Kuwabara, Yasunao Hattori, and Hiroyuki Konno



Acetogenin    Antitumor    Asymmetric Synthesis    Polyketide    THF Ring

■ NEW HETEROCYCLIC NATURAL PRODUCTS

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- 2377 Polyketides
  - 2381 Aromatics
  - 2395 Terpenes
  - 2406 Steroids
  - 2407 Alkaloids
  - 2414 Miscellaneous
- 

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

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- 2417 Polyketides
  - 2420 Aromatics
  - 2422 Terpenes
  - 2423 Alkaloids
-

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| 2369 | Kuwabara, Asuka           |      |                     |
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| 2315 | Rusinov, Gennadiy L.      |      |                     |
| 2287 | Saito, Norio              |      |                     |