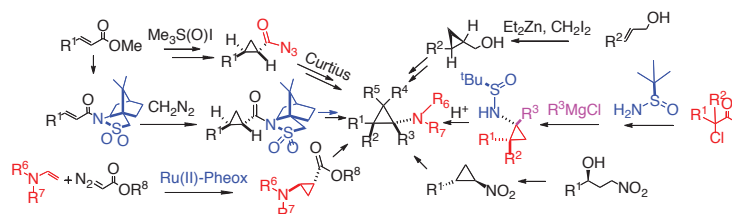


■ REVIEWS

 1767 **Asymmetric Synthesis of Cyclopropylamine Derivatives**

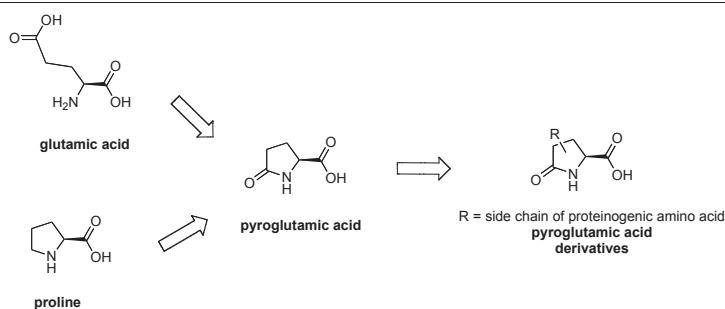
Han Wang, Xiaokun Zhou, and Yongjun Mao*



Chiral Cyclopropylamine Asymmetric Synthesis

 1801 **Pyroglutamic Acid Derivatives: Building Blocks for Drug Discovery**

Azzurra Stefanucci, Ettore Novellino, Roberto Costante, and Adriano Mollica*

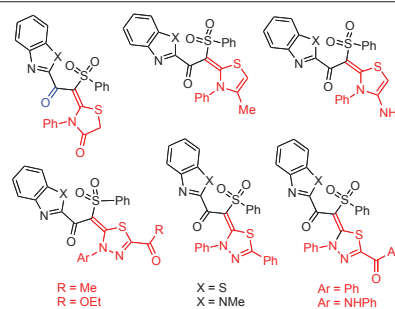


Pyroglutamic Acid Proline Chimera Peptide Asymmetric Synthesis Peptidomimetic

■ PAPERS

 1827 **Synthesis of Novel Thiazole and 1,3,4-Thiadiazole Derivatives Incorporating Phenylsulfonyl Moiety**

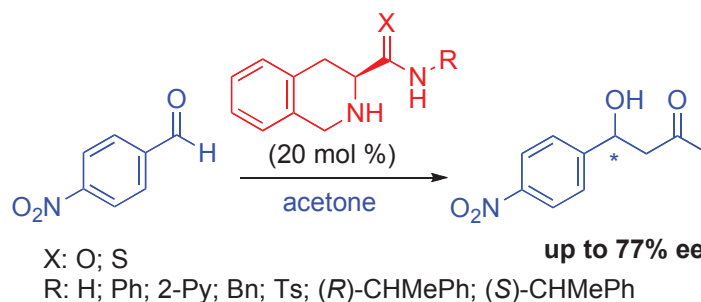
Ahmed E. M. Mekky, Ahmed F. Darweesh, Amani A. Salman, and Ahmad M. Farag*



Thiazole 1,3,4-Thiadiazole Benzothiazole Benzimidazole Hydrazonyl Halide

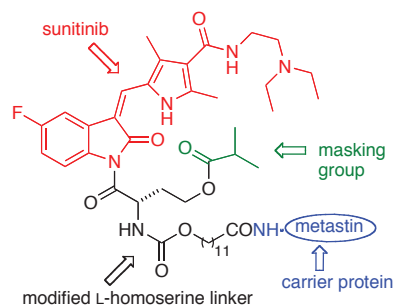
 1844 **Synthesis and Characterization of *M*-Substituted (*S*)-1,2,3,4-Tetrahydroisoquinoline-3-carboxamides and Thioamides as Organocatalysts for Asymmetric Aldol Reaction**

Ladislav Androvič, Pavel Drabina,* Ilia Panov, Lydie Harmand, Zdeňka Padělková, and Miloš Sedlák


 (*S*)-1,2,3,4-Tetrahydroisoquinoline-3-carboxamide and -3-thiocarboxamide Organocatalysis Asymmetric Aldol Reaction

1860 Synthesis of Sunitinib-Metastin Conjugate, a Novel Esterase-Sensitive Prodrug System Based on Lactonization Reaction

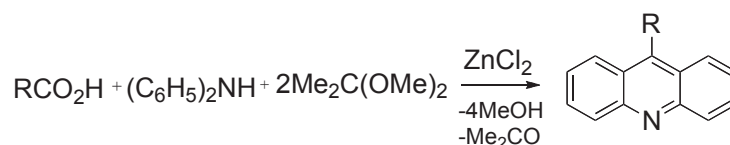
Yuki Takahashi, Sunao Shoji, Takuya Morishige, Aya Katsumata, Fumihito Tsurifune, Mitsuhiro Tsutsumi, Yoshiharu Honda, Tomoyo Hasuda, Yukio Hitotsuyanagi, Toshiro Terachi, Toyoaki Uchida, and Koichi Takeya*



Metastin Sunitinib Renal Cell Carcinoma

SHORT PAPERS
1877 9-Alkylacridine Synthesis Using 2,2-Dimethoxypropane as Water Scavenger

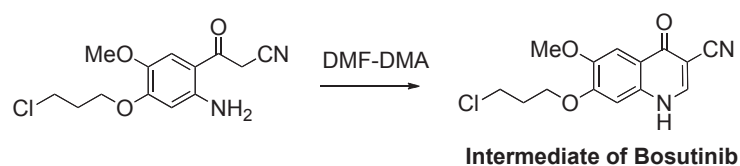
George Bratulescu*



Acridine Heterocycle

1885 A New and Practical Synthesis of 7-(3-Chloropropoxy)-6-methoxy-4-oxo-1,4-dihydroquinoline-3-carbonitrile

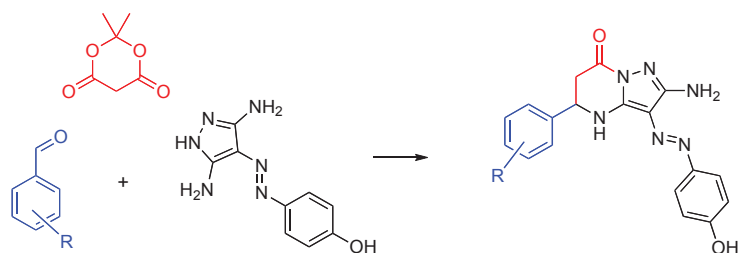
Yongjun Mao, Jianfeng Qin, Haijun He, Gang Liu, Bingyi Gao, and Han Wang*



Bosutinib Intermediate New Synthetic Process Intramolecular Cyclization

1892 Multicomponent and Regioselective Synthesis of Dihydropyrazolo[1,5-*a*]pyrimidines from Aromatic Aldehydes, Meldrum's Acid, and Aminopyrazole CAN508

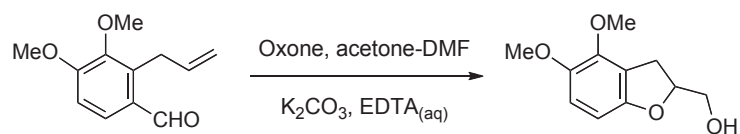
Lukáš Jedinák, Vladimír Kryštof, Zdeněk Trávníček, and Petr Cankar*



Pyrazolo[1,5-*a*]pyrimidine Cyclization Multicomponent Reaction CDK Inhibitor

1905 Synthesis of 2-Hydroxymethyl-2,3-dihydrobenzofurans

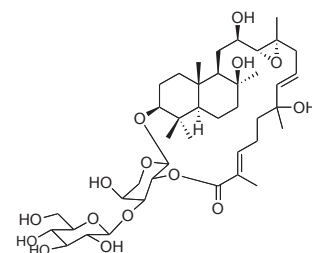
Meng-Yang Chang,* Shin-Ying Lin, and Chieh-Kai Chan



Dihydrobenzofuran Oxone Epoxidation Dakin Reaction Pharmacophore

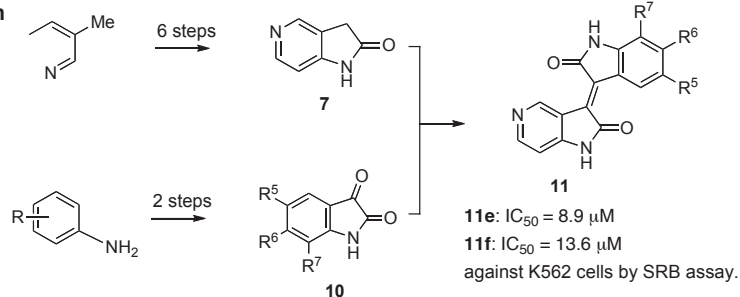
1913 A New Cyclic Triterpene Saponin from *Phyteuma japonicum*

Chung Sub Kim, Oh Wook Kwon, Sun Yeou Kim, Ki Hyun Kim, and Kang Ro Lee*


Phyteuma japonicum Triterpene Saponin NGF

1923 Design, Synthesis and Antiproliferative Activity Evaluation of New 5-Azaaisoindigo Derivatives

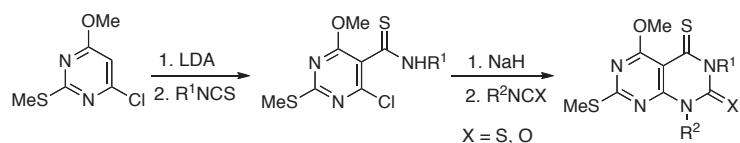
Ping Zhao, Yun Yan, Yanzhong Li, Aiying Zhang, Xiaoping Zhan, Zenglu Liu, Zhenmin Mao,* Shaoxiong Chen, and Liqun Wang



Isoindigo 5-Azaaisoindigo Synthesis Antiproliferative Activity SRB Assay

1933 A Simple Method for the Preparation of Pyrimido[4,5-d]pyrimidine-2,4(1*H*,3*H*)-dithione Derivatives

Kazuhiro Kobayashi,* Minami Kuroda, Noriyuki Tanaka, Yuki Yokoi, Akihiro Kobayashi, Hidetaka Hiyoshi, and Kazuto Umezu


 Pyrimido[4,5-d]pyrimidine-2,4(1*H*,3*H*)-dithione 4,6-Dichloro-2-(methylsulfanyl)pyrimidine (DCSMP) Isothiocyanate

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 1941 Polyketides
 - 1951 Aromatics
 - 1968 Terpenes
 - 1990 Steroids
 - 1996 Alkaloids
 - 2008 Miscellaneous
-

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 2011 Polyketides
 - 2014 Aromatics
 - 2016 Terpenes
 - 2017 Alkaloids
 - 2025 Miscellaneous
-

■ ADDITIONS AND CORRECTIONS

- 2027 Corrigendum to "Synthetic Exploitation of Halogenated Alkenes Containing Electron-Withdrawing Group (EWG): Access to Valuable 2,4-Dinitrothiophenes via Ring-Closing and Ring-Opening/Ring-Closing Protocols" : HETEROCYCLES, 2013, **87**, 2589 : DOI: 10.3987/COM-13-12860
Amac Fatih Tuyun*
-

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- | | | | |
|------------|----------------------|------------|----------------|
| 1844 | Androvič, Ladislav | 1933 | Umezu, Kazuto |
| 1877 | Bratulescu, George | 1767, 1885 | Wang, Han |
| 1892 | Cankař, Petr | 1923 | Wang, Liqun |
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| 1905 | Chang, Meng-Yang | 1933 | Yokoi, Yuki |
| 1923 | Chen, Shaoxiong | 1923 | Zhan, Xiaoping |
| 1801 | Costante, Roberto | 1923 | Zhang, Aiyong |
| 1827 | Darweesh, Ahmed F. | 1923 | Zhao, Ping |
| 1844 | Drabina, Pavel | 1767 | Zhou, Xiaokun |
| 1827 | Farag, Ahmad M. | | |
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| 1844 | Harmand, Lydie | | |
| 1860 | Hasuda, Tomoyo | | |
| 1885 | He, Haijun | | |
| 1860 | Hitotsuyanagi, Yukio | | |
| 1933 | Hiyoshi, Hidetaka | | |
| 1860 | Honda, Yoshiharu | | |
| 1892 | Jedinák, Lukáš | | |
| 1860 | Katsumata, Aya | | |
| 1913 | Kim, Chung Sub | | |
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| 1933 | Kobayashi, Akihiro | | |
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| 1892 | Kryštof, Vladimír | | |
| 1933 | Kuroda, Minami | | |
| 1913 | Kwon, Oh Wook | | |
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| 1885 | Qin, Jianfeng | | |
| 1827 | Salman, Amani A. | | |
| 1844 | Sedlák, Miloš | | |
| 1860 | Shoji, Sunao | | |
| 1801 | Stefanucci, Azzurra | | |
| 1860 | Takahashi, Yuki | | |
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| 1860 | Tsurifune, Fumihiro | | |
| 1860 | Tsutsumi, Mitsuhiko | | |
| 2027 | Tuyun, Amac Fatih | | |
| 1860 | Uchida, Toyoaki | | |