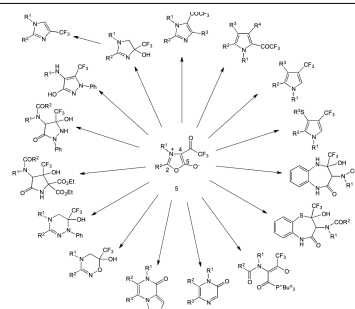


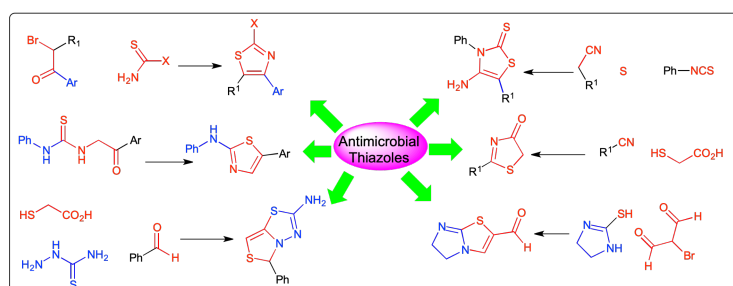
REVIEWS

- 1643 **The Fascinating Chemistry of Mesoionic 4-Trifluoroacetyl-1,3-oxazolium-5-olates and Related Compounds**  
 Ryosuke Saijo and Masami Kawase\*



Münchnone    4-Trifluoroacetyl-1,3-oxazolium-5-olate    Mesoionic Substrate    Trifluoromethyl Group

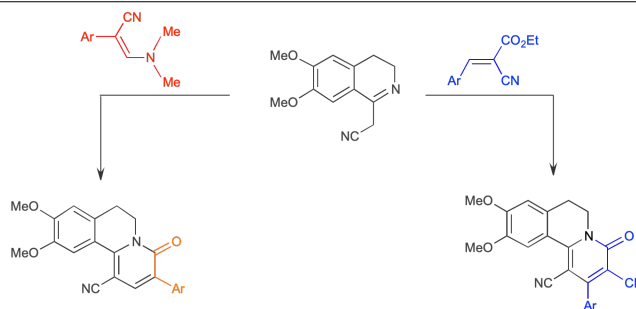
- 1675 **Synthetic Approaches toward Certain Structurally Related Antimicrobial Thiazole Derivatives (2010-2020)**  
 Abdelfattah Hassan, Heba A. Hassan, Dalia Abdelhamid, and Gamal El-Din A. Abu-Rahma\*



Thiazole    Synthesis    Antimicrobial Activity    Antibacterial Activity    Antimycobacterial Activity

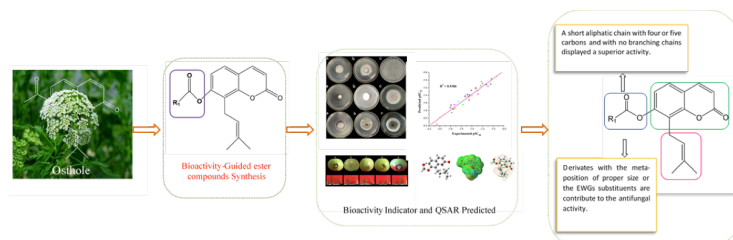
PAPERS

- 1729 **Synthesis, Antimicrobial and Antitumor Study of New Pyrido[2,1-a]isoquinolines via Isoquinoline-1-acetonitrile**  
 Mohamed A. M. Teleb, Hamdi M. Hassaneen,\*  
 Hyam A. Abdelhadi, Yara N. Laboud, and Fatma M. Saleh



Enaminonitrile    Knoevenagel Condensation    Arylacetonitrile    Pyrido[2,1-a]isoquinoline    Antitumor Activity

- 1743 **Natural Osthole-Based Ester Derivatives as Potential Fungicidal Agents: Design, Synthesis and Quantitative Structure-Activity Relationship (QSAR)**  
 Yong-Ling Wu,\* Yong Yan, Tin-Tin Pan, and Dou-dou Wang

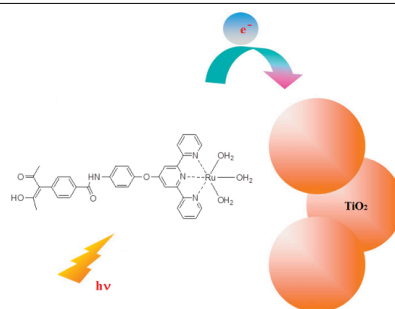


Osthole    Synthesis    Antifungal Activity    Heuristic Regression    Quantitative Structure-Activity Relationship (QSAR)

■ SHORT PAPERS

**1767 Application of a New 4'-Functionalized 2,2':6',2''-Terpyridine Ruthenium(II) Complex as a Sensitizer in Dye Sensitized Solar Cells**

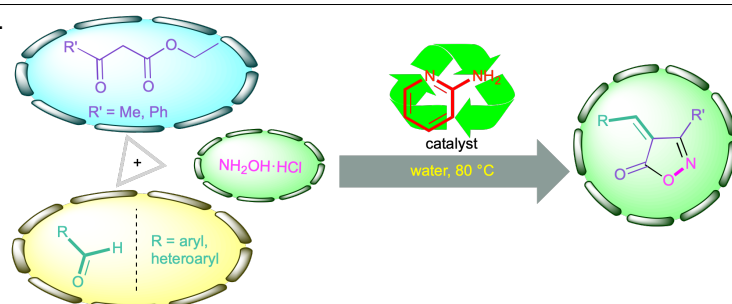
Azam Nasirian,\* Valiollah Mirkhani,\* Majid Moghadam,\* Shahram Tangestaninejad, and Iraj Mohammadpoor-Baltork



Dye-Sensitized Solar Cell    Sensitizing Dye    2,2':6',2''-Terpyridine    Electron Transfer    Ruthenium Complex

**1779 Organocatalyzed Three-Component Synthesis of Isoxazol-5(4H)-ones under Aqueous Conditions**

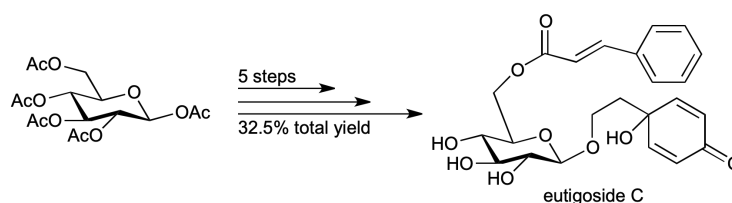
Zeinab Faramarzi and Hamzeh Kiyani\*



Isoxazol-5(4H)-one    2-Aminopyridine    Three-Component Reaction    Cyclocondensation

**1791 Concise Synthesis of Eutigoside C**

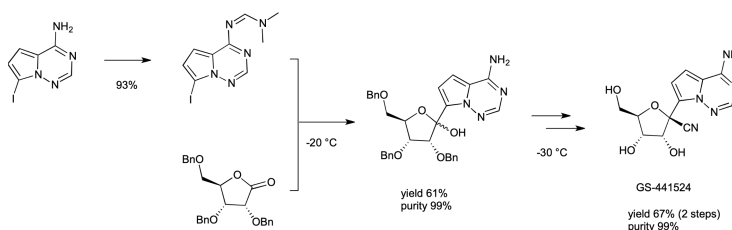
Shiqiang Yan, Yueyue Zhu, Lisha Wu, Liqun Chi,\* and Wei Zhang\*



Eutigoside C    Synthesis    Phenylethanoid Glycoside    Regioselective Acylation

**1797 New and Practical Synthesis of GS-441524, the Key Intermediate of Remdesivir**

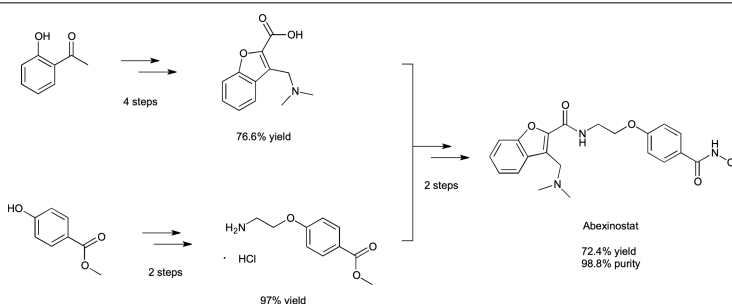
Bo Li, Han Wang,\* Cong Sun, Sheng Lu, LinLin Kang, and Shun Jiang



GS-441524    Remdesivir    New Synthesis

**1803 New Synthesis of Abexinostat**

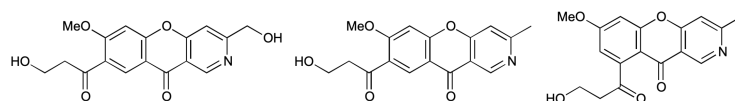
Xiaolei Zhu, Han Wang,\* Sheng Lu, Cong Sun, Zhiyong Xu, and Jingli Xu



Abexinostat    New Method    Convergent Synthesis

**1810 Three New Anti-Rotavirus Chromeno[3,2-c]pyridines from the Whole Plant of *Thalictrum scabrifolium***

Qiu-Fen Hu, Fan Wu, Tao Zhou, Min Zhou, Ya-Ning Zhu, Bing-Biao Cai, Ming-Xin Liu, Man-Fei Li, Guang-Yu Yang,\* and Yin-Ke Li\*



Chromeno[3,2-c]pyridine    *Thalictrum scabrifolium*    Anti-Rotavirus Activity

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 1817 Polyketides
- 1820 Aromatics
- 1822 Terpenes
- 1826 Alkaloids
- 1843 Miscellaneous

■ BRUSH UP YOUR HETEROCYCLES

- 1845 Brush Up Your Heterocycles

## Contributors To This Issue

- 1729 Abdelhadi, Hyam A.  
 1675 Abdelhamid, Dalia  
 1675 Abuo-Rahma, Gamal El-Din A.  
 1810 Cai, Bing-Biao  
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 1779 Faramarzi, Zeinab  
 1675 Hassan, Abdelfattah  
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 1810 Hu, Qiu-Fen  
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 1810 Zhu, Ya-Ning  
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