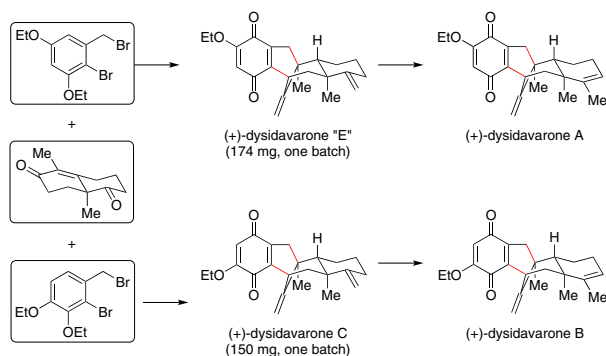


## Cluster

### Biomimetic Synthesis

*Editor: Ang Li*

*Guest Editors: J. Deng, Y. Tang*



### *Practical and Scalable Total Syntheses of (+)-Dysidavarones A–C*

*Y. Kuang, L. Chang, B. Wang, J. Kang, C. Chong, Z. Lu*

5

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### Copper-(Photo)Catalyzed Radical Reactions with Organic Halides

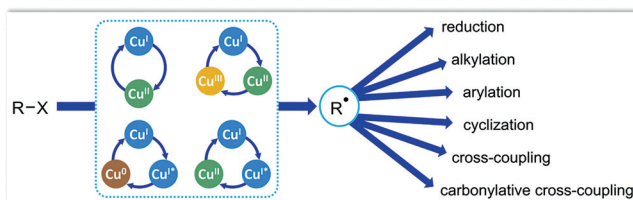
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485

Synlett 2024, 35, 485–499  
DOI: 10.1055/a-2095-5242

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### Direct Fluoroalkylthiolation Based on Fluoroalkanesulfite Derivatives

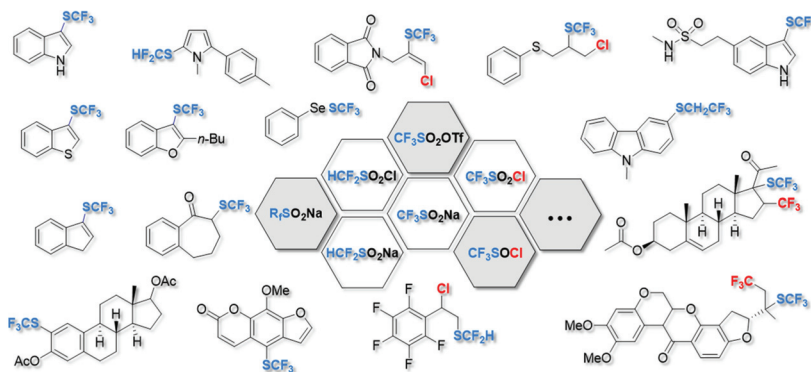
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500

Synlett 2024, 35, 500–512  
DOI: 10.1055/a-2103-9823

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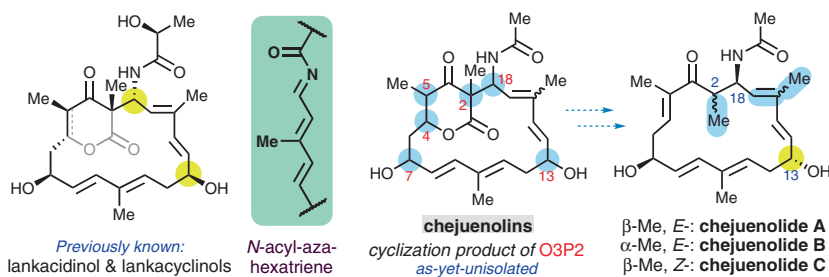
Nanjing University of Science  
and Technology, P. R. of China



K. Zheng\*  
B. Zhang  
R. Hong\*Shanghai Institute of Organic  
Chemistry, P. R. of China  
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of Sciences, P. R. of ChinaEmbracing the Imperfectness of Nature using Highly Reactive  
N-Acyl Azahexatrienes

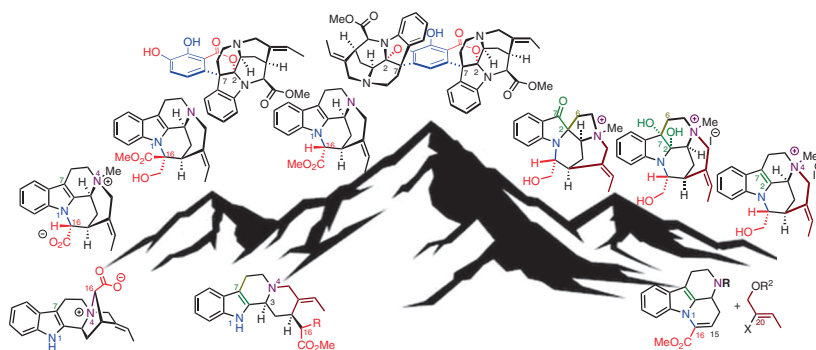
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513

C. Kouklovsky  
E. Poupon\*  
L. Evanno\*  
G. Vincent\*Université Paris-Saclay, CNRS,  
FranceTotal Synthesis of Mavacuran Alkaloids via Bioinspired and  
Non-Bioinspired Strategies

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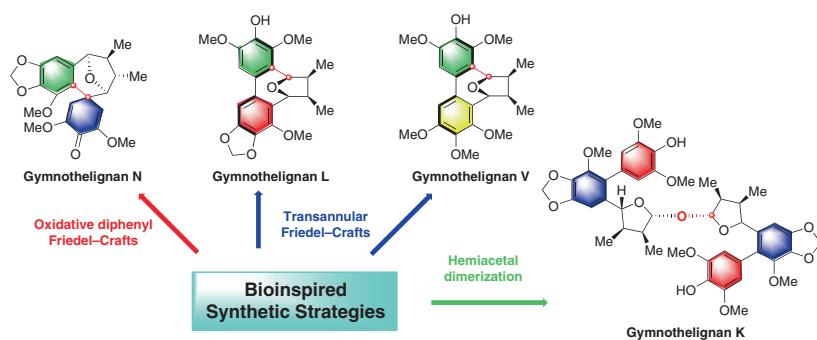
521

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## Bioinspired Total Syntheses of Gymnothelignans

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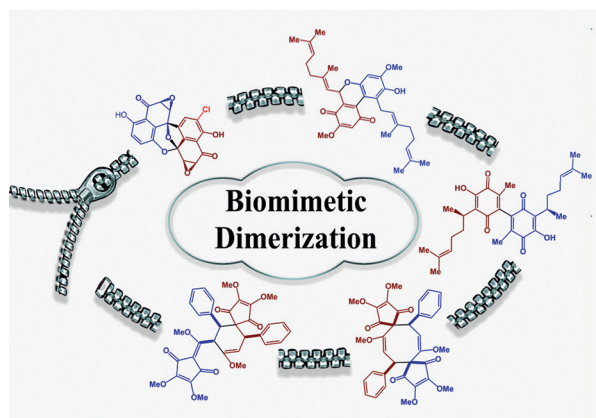
535



Synlett 2024, 35, 543–551  
DOI: 10.1055/a-2021-7993

F. Zhang  
C. Chen  
X. Hu\*

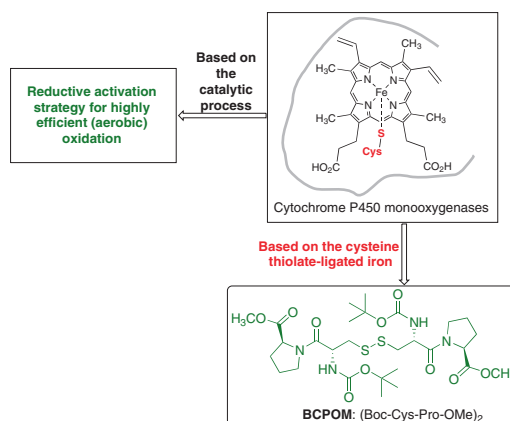
Northwest University, P. R. of  
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Synlett 2024, 35, 552–564  
DOI: 10.1055/a-2043-4479

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L. Cheng  
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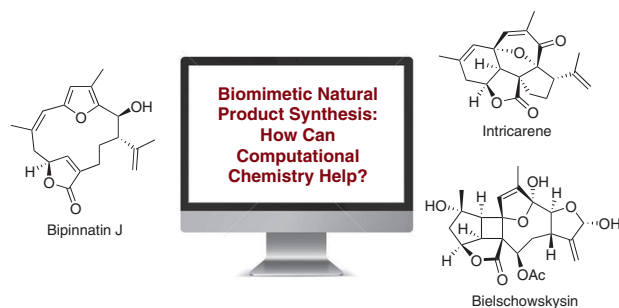
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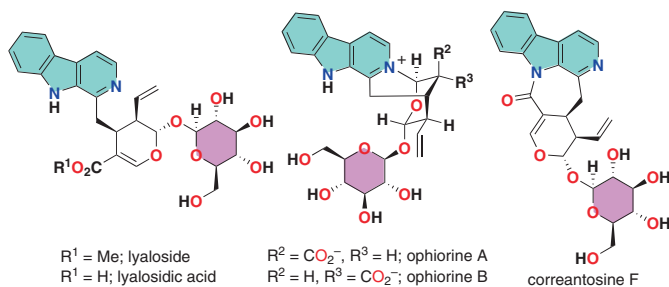


Synlett 2024, 35, 565–575  
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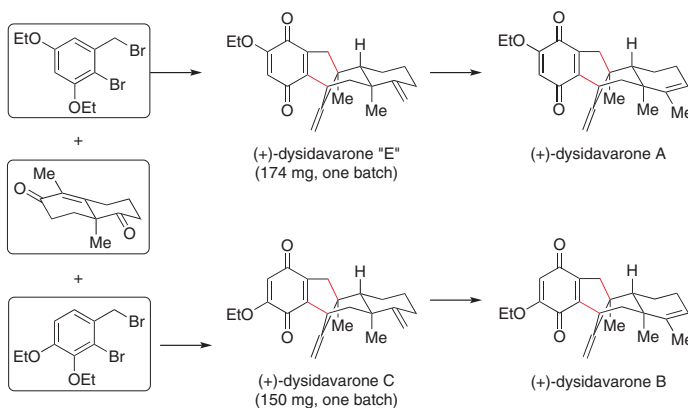
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T. Zhou  
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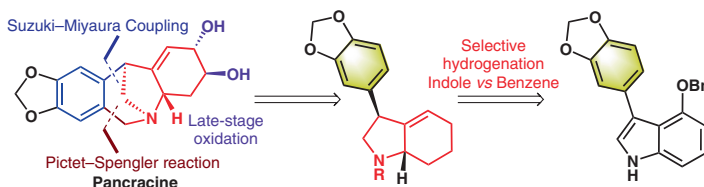


Collective Total Synthesis of  $\beta$ -Carboline-Type Monoterpenoid Indole Alkaloid Glycosides

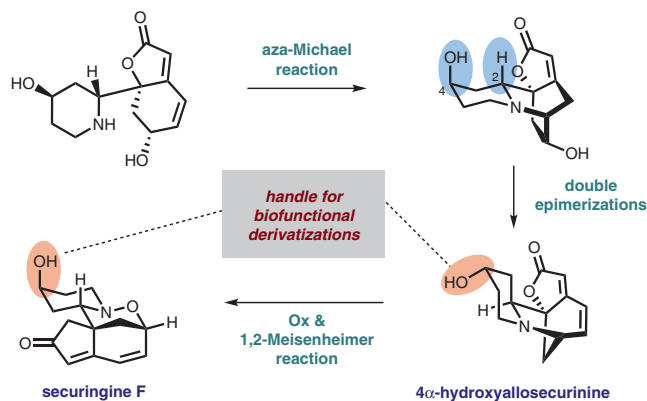
## Practical and Scalable Total Syntheses of (+)-Dysidavarones A–C



## Bioinspired Formal Synthesis of Pancracine via Selective Hydrogenation of an Indole Derivative



Total Synthesis of 4 $\alpha$ -Hydroxyallosecurinine and Securingine F, Securingine Alkaloids with a C4-Hydroxy Handle for Biofunctional Derivatizations



Investigation of Factors Affecting the Rate of High-Boiling-Point Solvent Removal Using a Rotary Evaporator

