


ADVERTISEMENT

<a href="#">Log In</a>	<a href="#">Register</a>	<a href="#">Cart</a>	<a href="#">ACS</a>	<b>ACS Publications</b>	<a href="#">C&amp;EN</a>	<a href="#">CAS</a>
------------------------	--------------------------	----------------------	---------------------	-------------------------	--------------------------	---------------------

---

 [ACS Journals](#)   [ACS ChemWorx](#)   [eBooks](#)   [ACS Style Guide](#)   [C&EN Archives](#)

[Search](#)   [Citation](#)   [Subject](#)   **Advanced Search**

Enter search text / DOI     

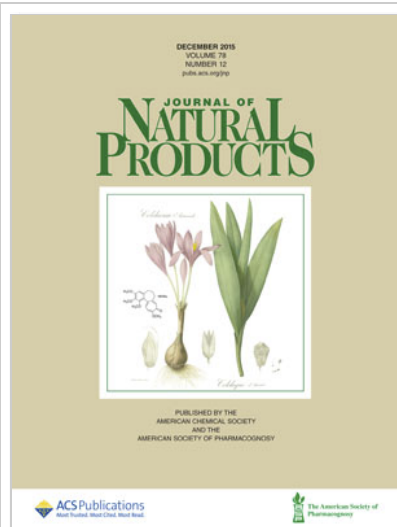
J. Nat. Prod.    All Publications/Website

---

<a href="#">Browse the Journal</a>	<a href="#">Articles ASAP</a>	<a href="#">Current Issue</a>	<a href="#">Submission &amp; Review</a>	<a href="#">Open Access</a>	<a href="#">About the Journal</a>
------------------------------------	-------------------------------	-------------------------------	---	-----------------------------	-----------------------------------

## Table of Contents

Previous Issue



December 24, 2015  
Volume 78, Issue 12  
Pages 2867-3084

**About the Cover:** The cover shows an illustration of *Colchicum autumnale* L. (Colchicaceae) and is a reproduction from Pierre Joseph Redouté's *Les Liliacées*, vol. 4, plate 228, 1802–1816. This is a well-known plant source of the drug colchicine (structure shown), which was approved by the U.S. FDA in 2009 for the treatment of familial Mediterranean fever and acute gout flares. Prior to this, oral colchicine was used as an unapproved drug without prescribing information provided by the FDA. The plant illustration was provided by the Lloyd Library and Museum, Cincinnati, OH (<http://lloydlibrary.org/>), through the courtesy of Maggie Heran, Executive Director, with the assistance of Devhra Bennet-Jones, Archivist, and Anna Heran, Exhibits/Outreach. From 1961 through 1995, the Lloyd Library and Museum co-published with the American Society of Pharmacognosy the *Journal of Natural Products* and its forerunner journal, *Lloydia*.

## In this issue:

- » FULL ARTICLES
- » NOTES
- » BOOK REVIEWS
- » ADDITIONS AND CORRECTIONS
- » MASTHEADS

[Download Hi-Res Cover](#)


ACS AuthorChoice  
More about this program



ACS Editors' Choice  
More about this program

Order Print Issue

ADVERTISEMENT

ADVERTISEMENT

## FULL ARTICLES

**Can Small Chemical Modifications of Natural Pan-inhibitors Modulate the Biological Selectivity? The Case of Curcumin Prenylated Derivatives Acting as HDAC or mPGES-1 Inhibitors**

Mehrdad Iranshahi, Maria Giovanna Chini, Milena Masullo, Amirhossein Sahebkar, Azita Javidnia, Mahsa Chitsazian Yazdi, Carlo Pergola, Andreas Koeberle, Oliver Werz, Cosimo Pizza, Stefania Terracciano, Sonia Piacente, and Giuseppe Bifulco  
pp 2867-2879

Publication Date (Web): November 20, 2015 (Article)

DOI: 10.1021/acs.jnatprod.5b00700

[Abstract | Supporting Info](#)

[ACS ActiveView PDF](#)

[Print, Annotate, Reference QuickView](#)

[PDF\[7622K\]](#)

[PDF w/ Links\[878K\]](#)

[Full Text HTML](#)

[Add to ACS ChemWorx](#)

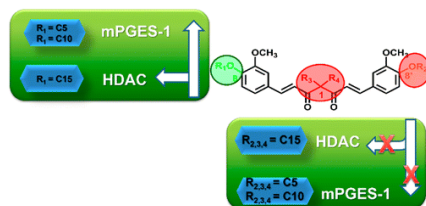


Figure 1 of 13

**11-Hydroxylation of Protoberberine by the Novel Berberine-Utilizing Aerobic Bacterium *Sphingobium* sp. Strain BD3100**

Hisashi Takeda, Kazuki Ishikawa, Daigo Wakana, Masao Fukuda, Fumihiko Sato, and Tomoo Hosoe  
pp 2880-2886

Publication Date (Web): December 11, 2015 (Article)

DOI: 10.1021/acs.jnatprod.5b00408

[Abstract | Supporting Info](#)

[ACS ActiveView PDF](#)

[Print, Annotate, Reference QuickView](#)

[PDF\[710K\]](#)

[PDF w/ Links\[333K\]](#)

[Full Text HTML](#)

[Add to ACS ChemWorx](#)

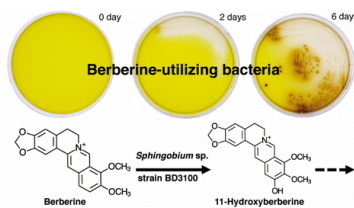


Figure 1 of 7

**Antinociceptive Grayanoids from the Roots of *Rhododendron molle***

Yong Li, Yun Bao Liu, Jian Jun Zhang, Yong Liu, Shuang Gong Ma, Ling Ou, Hai Ning Yu, and Shi Chen Yu

[Abstract | Supporting Info](#)



1155 Sixteenth Street N.W.  
Washington, DC 20036

京ICP备13047075

Copyright © 2015  
American Chemical Society

### Products

- Journals A-Z
- eBooks
- C&EN
- C&EN Archives
- ACS Legacy Archives
- ACS Mobile
- Video

### User Resources

- About Us
- ACS Members
- Librarians
- Authors & Reviewers
- Website Demos
- Privacy Policy
- Mobile Site

### Support

- Get Help
- For Advertisers
- Institutional Sales

[Live Chat](#)

## Partners

