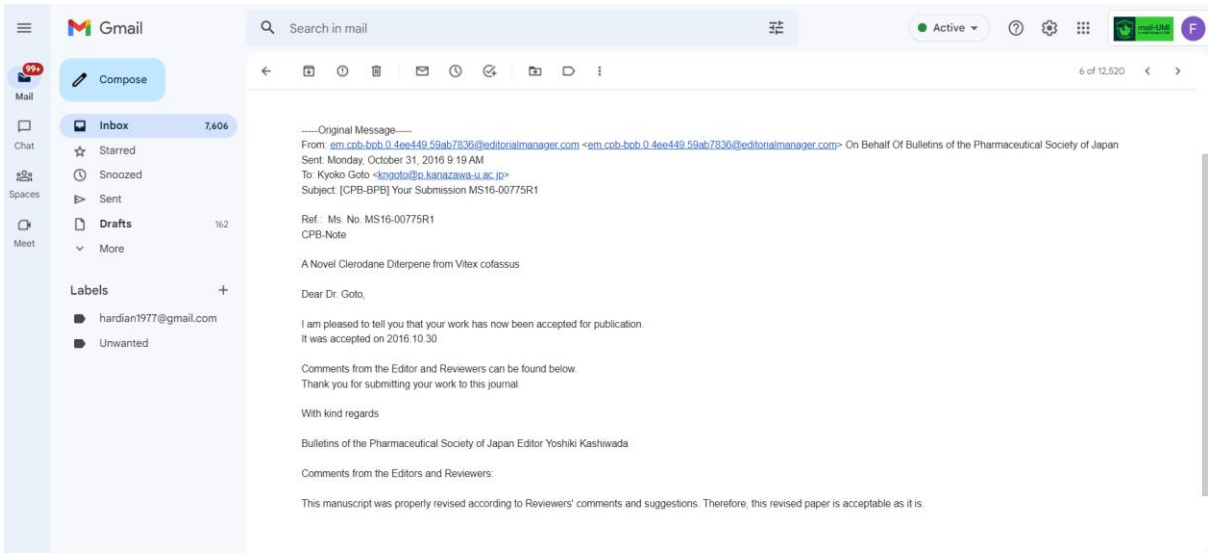


-----Original Message-----
From: em.cpb-bpb.0.4ee449.59ab7836@editorialmanager.com <em.cpb-bpb.0.4ee449.59ab7836@editorialmanager.com> On Behalf Of Bulletins of the Pharmaceutical Society of Japan
Sent: Monday, October 31, 2016 9:19 AM
To: Kyoko Goto <kngoto@p.kanazawa-u.ac.jp>
Subject: [CPB-BPB] Your Submission MS16-00775R1

Ref.: Ms. No. MS16-00775R1
CPB-Note

A Novel Clerodane Diterpene from Vitex cofassus

Dear Dr. Goto,

I am pleased to tell you that your work has now been accepted for publication.
It was accepted on 2016.10.30

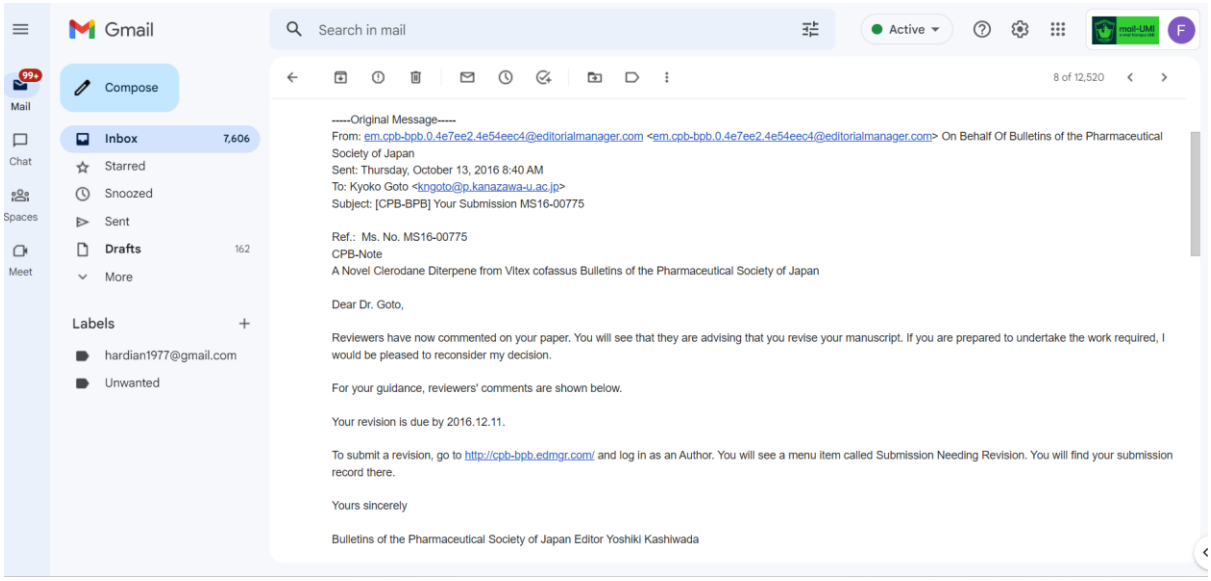
Comments from the Editor and Reviewers can be found below.
Thank you for submitting your work to this journal.

With kind regards

Bulletins of the Pharmaceutical Society of Japan Editor Yoshiki Kashiwada

Comments from the Editors and Reviewers:

This manuscript was properly revised according to Reviewers' comments and suggestions. Therefore, this revised paper is acceptable as it is.



-----Original Message-----
From: em.cpb-bpb.0.4e7ee2.4e54eec4@editorialmanager.com <em.cpb-bpb.0.4e7ee2.4e54eec4@editorialmanager.com> On Behalf Of Bulletins of the Pharmaceutical Society of Japan
Sent: Thursday, October 13, 2016 8:40 AM
To: Kyoko Goto <kngoto@p.kanazawa-u.ac.jp>
Subject: [CPB-BPB] Your Submission MS16-00775

Ref.: Ms. No. MS16-00775
CPB-Note
A Novel Clerodane Diterpene from Vitex cofassus Bulletins of the Pharmaceutical Society of Japan

Dear Dr. Goto,

Reviewers have now commented on your paper. You will see that they are advising that you revise your manuscript. If you are prepared to undertake the work required, I would be pleased to reconsider my decision.

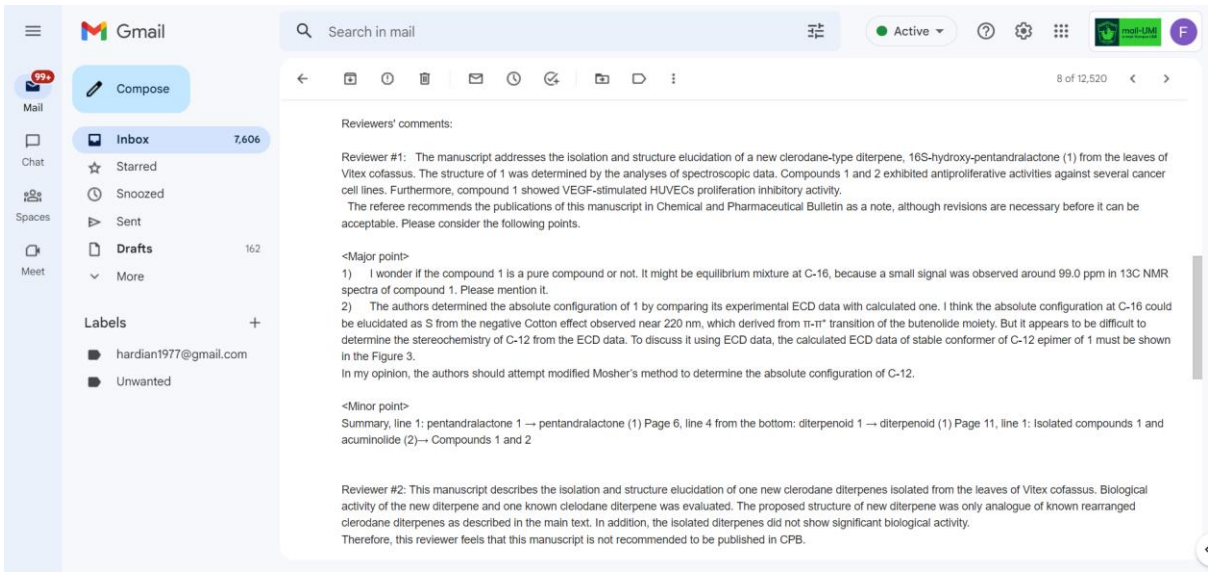
For your guidance, reviewers' comments are shown below.

Your revision is due by 2016.12.11.

To submit a revision, go to http://cpb-bpb.edmgr.com/ and log in as an Author. You will see a menu item called Submission Needing Revision. You will find your submission record there.

Yours sincerely

Bulletins of the Pharmaceutical Society of Japan Editor Yoshiki Kashiwada



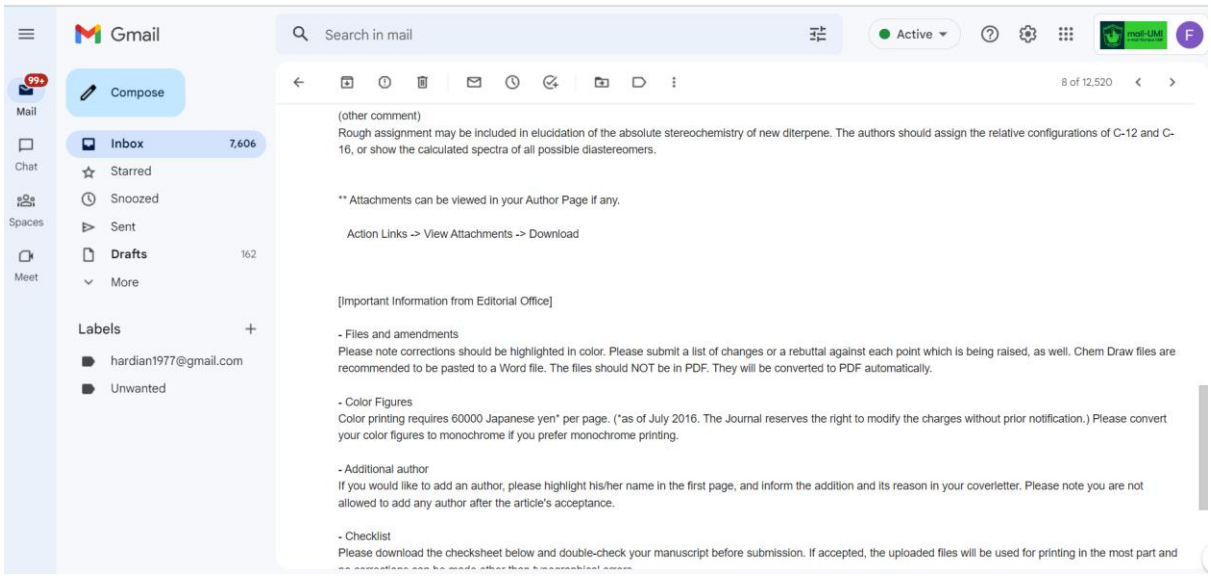
Reviewers' comments:

Reviewer #1: The manuscript addresses the isolation and structure elucidation of a new clerodane-type diterpene, 16S-hydroxy-pentandralactone (1) from the leaves of Vitex cofassus. The structure of 1 was determined by the analyses of spectroscopic data. Compounds 1 and 2 exhibited antiproliferative activities against several cancer cell lines. Furthermore, compound 1 showed VEGF-stimulated HUVECs proliferation inhibitory activity.
The referee recommends the publications of this manuscript in Chemical and Pharmaceutical Bulletin as a note, although revisions are necessary before it can be acceptable. Please consider the following points.

<Major point>
1) I wonder if the compound 1 is a pure compound or not. It might be equilibrium mixture at C-16, because a small signal was observed around 99.0 ppm in 13C NMR spectra of compound 1. Please mention it.
2) The authors determined the absolute configuration of 1 by comparing its experimental ECD data with calculated one. I think the absolute configuration at C-16 could be elucidated as S from the negative Cotton effect observed near 220 nm, which derived from π-π* transition of the butenolide moiety. But it appears to be difficult to determine the stereochemistry of C-12 from the ECD data. To discuss it using ECD data, the calculated ECD data of stable conformer of C-12 epimer of 1 must be shown in the Figure 3.
In my opinion, the authors should attempt modified Mosher's method to determine the absolute configuration of C-12.

<Minor point>
Summary, line 1: pentandralactone 1 → pentandralactone (1) Page 6, line 4 from the bottom: diterpenoid 1 → diterpenoid (1) Page 11, line 1: Isolated compounds 1 and acuminolide (2)→ Compounds 1 and 2

Reviewer #2: This manuscript describes the isolation and structure elucidation of one new clerodane diterpenes isolated from the leaves of Vitex cofassus. Biological activity of the new diterpene and one known clelodane diterpene was evaluated. The proposed structure of new diterpene was only analogue of known rearranged clerodane diterpenes as described in the main text. In addition, the isolated diterpenes did not show significant biological activity.
Therefore, this reviewer feels that this manuscript is not recommended to be published in CPB.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hardian1977@gmail.com
Unwanted
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Chat
Spaces
Meet
8 of 12,520
(other comment)
Rough assignment may be included in elucidation of the absolute stereochemistry of new diterpene. The authors should assign the relative configurations of C-12 and C-16, or show the calculated spectra of all possible diastereomers.
** Attachments can be viewed in your Author Page if any.
Action Links -> View Attachments -> Download
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