

1. Proses Submit

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Journal of Research in Pharmacy <editor@marmarapharmj.com>
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Mon, Aug 30, 2021, 11:13 AM ☆ ↶ ⋮

Journal of Research in Pharmacy

An international open-access journal of pharmacy and pharmaceutical sciences
Formerly published as Marmara Pharmaceutical Journal

JRP
ISSN : 2630-6344

Dear Suci Suciati,

Thank you for submitting your manuscript entitled "In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Iso-agelasin C Isolated from the Marine Sponge Agelas nakamura" to Journal of Research in Pharmacy . Your manuscript will first be evaluated by the editors and if it meets the Journal's standards, will be forwarded to referees for scientific review. You will be able to follow the stage of your manuscript in the review process through the author center to which you will have access with your user name and password. You can use the author center for revisions and new submissions.

Username: suciati

Password: Your user information has been given to you with the first e-mail from the system. However, you can create a new password from <http://www.marmarapharmj.com/submit/forgot.php> if you forgot your old one.

Journal of Research in Pharmacy
Editorial Board

2. Proses Review

Hasil Review Tahap 1

Journal of Research in Pharmacy

An international open-access journal of pharmacy and pharmaceutical sciences
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JRP
ISSN : 2630-6344

Change User

Suggestions

Please reduce similarity index of the paper. Especially, some sentences are exactly same with "Suciati, Debora Poerwantoro, Aty Widayawaruyanti, Kornkanok Ingkaninan. " Acetylcholinesterase inhibitory activity of extract and fractions from the root of (L.)

Bth.ex Kurz ", Journal of Basic and Clinical Physiology and Pharmacology, 2021". Therefore, similarity to this paper should be reduced.

Please consider comments arised by reviewers:

1. Reviewer Comments

The paper could be accepted although it has a weak conclusion part.

Sincerely yours,

2. Reviewer Comments

The paper could be accepted although it has a weak conclusion part.

Sincerely yours,

3. Reviewer Comments

Aristyawan et al. investigated in vitro acetylcholinesterase inhibitory activities of fractions and iso-agelasin C isolated from the marine Sponge Agelas nakamura. The study is well written and organized. Major revisions are needed to before acceptable for this journal.

1- Authors have to statistical data using SPSS or Graph Pad in table 1.

2- Authors have to positive control in Figures 1 and 2.

3- Authors have to add spectra of NMR for isolated compounds.

4- Discussion is not enough, authors have to add new references to discuss the results.

Manuscript Information

Manuscript ID: MPJ-7757
Title in English: In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Iso-agelastine C Isolated from the Marine Sponge *Agelas nakamura*
Small Title in English: No information entered
Authors: Suciati SUCIATI¹, Andhika ARISTYAWAN², Valentika SETYANINGTYAS¹, Tutik WAHYUNI¹, Aty WIDYAWARUYANTI¹, Kornkanok INGGANINAN³
Institutions: ¹Faculty of Pharmacy, Universitas Airlangga, Pharmaceutical Sciences, Surabaya, Indonesia
²Faculty of Pharmacy, Universitas Airlangga, Master Program in Pharmaceutical Science, Surabaya, Indonesia
³Faculty of Pharmaceutical Sciences, Naresuan University, Department of Pharmaceutical Chemistry and Pharmacognosy, Phitsanulok, Thailand
Keywords in English: Alzheimer's disease, acetylcholinesterase inhibitor, marine sponge, *Agelas nakamura*; iso-agelastine C.
Manuscript Type: Research article
Processing Status: Major Revision

Score Sheet**1. Reviewer**

Does the content and value of the work justify publication in Marmara Pharmaceutical Journal ?

Yes

Does the title of the manuscript reflect the contents of the study ?

Yes

Are the keywords sufficient and appropriate ?

Yes

Is the summary concise and informative?

Yes

Is the text divided appropriately according to the article type ?

Yes

Is the language adequate?

Yes

Are the nomenclature and scientific terminology correct?

Yes

Are the references complete and recent?	Yes
Are the figures tables and graphics necessary ?	Yes
Are the figures tables and graphics clear ?	Yes
Is the introduction part	sufficiently developed
Are the experimental procedures sound?	Yes
Is the results and discussion part	sufficiently developed
Is conclusion sufficient and correlated with the results ?	No
Is the information about the approval of ETHICAL COMMISSION presented ?	Not applicable

2. Reviewer

Does the content and value of the work justify publication in Marmara Pharmaceutical Journal ?	Yes
Does the title of the manuscript reflect the contents of the study ?	Yes
Are the keywords sufficient and appropriate ?	Yes
Is the summary concise and informative?	Yes
Is the text divided appropriately according to the article type ?	Yes
Is the language adequate?	Yes
Are the nomenclature and scientific terminology correct?	Yes
Are the references complete and recent?	Yes
Are the figures tables and graphics necessary ?	Yes

Are the figures tables and graphics clear ?	Yes
Is the introduction part	sufficiently developed
Are the experimental procedures sound?	Yes
Is the results and discussion part	sufficiently developed
Is conclusion sufficient and correlated with the results ?	No
Is the information about the approval of ETHICAL COMMISSION presented ?	Not applicable

3. Reviewer

Does the content and value of the work justify publication in Marmara Pharmaceutical Journal ?	Yes
Does the title of the manuscript reflect the contents of the study ?	Yes
Are the keywords sufficient and appropriate ?	Yes
Is the summary concise and informative?	Yes
Is the text divided appropriately according to the article type ?	Yes
Is the language adequate?	Yes
Are the nomenclature and scientific terminology correct?	Yes
Are the references complete and recent?	Yes
Are the figures tables and graphics necessary ?	Yes
Are the figures tables and graphics clear ?	Yes

Is the introduction part	sufficiently developed
Are the experimental procedures sound?	Yes
Is the results and discussion part	sufficiently developed
Is conclusion sufficient and correlated with the results ?	Yes
Is the information about the approval of ETHICAL COMMISSION presented ?	No

Tanggapan Terhadap Komentar Reviewers

Response to Reviewers Comments

Manuscript Title: In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Iso-gelastine C Isolated from the Marine Sponge *Agelas nakamura*

Editor and Reviewer Comments

Reviewer Comments	Response
Please reduce similarity index of the paper. Especially, some sentences are exactly same with 'Suciati, Debora Poerwantoro, Aty Widyawaruyanti, Kornkanok Ingkaninan. " Acetylcholinesterase inhibitory activity of extract and fractions from the root of (L.) Bth.ex Kurz ", Journal of Basic and Clinical Physiology and Pharmacology, 2021'. Therefore, similarity to this paper should be reduced.	We have tried to rewrite several sentences indicated in yellow
The paper could be accepted although it has a weak conclusion part.	<ul style="list-style-type: none"> • Thank you, we have added discussion on the potency of diterpene alkaloid as well as halimane diterpene as cholinesterase inhibitor • Suggestion for further study such as modification of compound has been added
Authors have to statistical data using SPSS or Graph Pad in table 1.	<ul style="list-style-type: none"> • Statistical analysis was conducted by using t-test this is already written in our original manuscript. This is to compare the IC₅₀ values of VLC 2 and VLC 3 whether it was significantly different or not. The statistical analysis was not carried out on the other data since it is for sure it is apparent that the data will be statistically different. Moreover,

	<p>the author is only focusing on the fractions with lower IC₅₀ values. Therefore, no changes were made to this section.</p> <ul style="list-style-type: none"> Information on the statistical analyses have been added in the method
Authors have to positive control in Figures 1 and 2.	Positive control (galantamine) has been added in Figures 1 and 2
Authors have to add spectra of NMR for isolated compounds.	¹ H and ¹³ C NMR spectra were added as supplementary material. Please note we submitted two types of files. Jpeg and pdf
Discussion is not enough, authors have to add new references to discuss the results.	<ul style="list-style-type: none"> Discussion have been improved especially on the AChE results New references have been added

Hasil Review tahap 2

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Suggestions

-Please consider points in given below:
 -There is something wrong with H-NMR of compound. If you run the sample in DMSO, solvent peak should be appeared in 2.5 ppm. You wrote solvent peak to the peak appeared at 3.31 ppm.
 -Please give extracts and positive control galantamine concentration in the same style (µg/mL)
 -Choose an abbreviation for acetylcholinesterase and use the same abbreviation through the manuscript. Not sometimes AChE, sometimes ACh

Major Revision

Manuscript Information

Manuscript ID: MPJ-7757.REV-2

Title in English: In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Iso-agelastine C Isolated from the Marine Sponge *Agelas nakamura*

Small Title in English: No information entered

Authors: Suciati SUCIATI¹, Andhika ARISTYAWAN², Valentika SETYANINGTYAS¹, Tutik WAHYUNI¹, Aty WIDYAWARUYANTI¹, Kornkanok INGKANINAN³

Institutions: ¹Faculty of Pharmacy, Universitas Airlangga, Pharmaceutical Sciences, Surabaya, Indonesia
²Faculty of Pharmacy, Universitas Airlangga, Master Program in Pharmaceutical Science, Surabaya, Indonesia
³Faculty of Pharmaceutical Sciences, Naresuan University, Department of Pharmaceutical Chemistry and Pharmacognosy, Phitsanulok, Thailand

Keywords in English: Alzheimer's disease, acetylcholinesterase inhibitor, marine sponge, *Agelas nakamura*, iso-agelastine C.

Manuscript Type: Research article

Processing Status: Major Revision

Tanggapan terhadap Komentar Reviewers

Response to Reviewers Comments

Manuscript Title: In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Iso-agelastine C Isolated from the Marine Sponge *Agelas nakamura*

Editor and Reviewer Comments

Reviewer Comments	Response
-There is something wrong with H-NMR of compound. If you run the sample in DMSO, solvent peak should be appeared in 2.5 ppm. You wrote solvent peak to the peak appeared at 3.31	<ul style="list-style-type: none"> Thank you for the correction, yes the DMSO peak should be at 2.5 ppm, while the peak at 3.31 ppm corresponding to residue of water in the sampel.

ppm.	<ul style="list-style-type: none"> • Correction has been made to the ¹H NMR spectrum provided in the supplementary material
-Please give extracts and positive control galantamine concentration in the same style (µg/mL)	<ul style="list-style-type: none"> • Thank you for correction yes, the concentration of galantamine should be in µg/mL instead of µM • Correction has been made in the table 1 and the title of figures 1 dan 2
-Choose an abbreviation for acetylcholinesterase and use the same abbreviation through the manuscript. Not sometimes AChE, sometimes ACh	<ul style="list-style-type: none"> • ACh is for neurotransmitter acetylcholine whereas AChE is the the enzyme acetylcholinesterase • No change has been made to the manuscript

Hasil Review Tahap 3

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Suggestions

Dear Author,

Your article has been passed scientific evaluation. However, the following issues should be fixed before typesetting.

- There is only surname for the author "SUCIATI". Please give the first name. If there is no first name - type it as "Suciati SUCIATI".
- Title of the article should be written in sentence case as:
In vitro acetylcholinesterase inhibitory activities of fractions and iso-agelasine C isolated from the marine sponge *Agelas nakamura*
- "In vitro" should be written in italic throughout the manuscript.
- All section headings (second and third order) should also be written in sentence case.
- The equation in page 4 should be labelled as (Eq. 1)
- Author contributions: All authors should have at least three contributions. All authors should contribute to "critical review" in order to be regarded as authors.
- All taxonomic plant names should be written in italic.
- Reference numberings should be corrected (pages 5-6).
[1], [2], [3], instead of 1., 2., 3., ...
- Journal names and referencing styles should be standardized.
You cannot give the journal name as "European J Org Chem".
No italic scripts for journal names.

Do not give unnecessary information such as "2012 sep(27)" in the references. It can be considered for publication in JRP as it is


Tanggapan terhadap Komentar Reviewers

Response to Reviewers Comments

Manuscript Title: In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Iso-agelasine C Isolated from the Marine Sponge *Agelas nakamura*

Editor and Reviewer Comments

Reviewer Comments	Response
There is only surname for the author "SUCIATI". Please give the first name. If there is no first name - type it as "Suciati SUCIATI".	<ul style="list-style-type: none"> • Author name has been revised as suggested

<p>Title of the article should be written in sentence case as:</p> <p>In vitro acetylcholinesterase inhibitory activities of fractions and iso-agelasine C isolated from the marine sponge <i>Agelas nakamurai</i></p>	<ul style="list-style-type: none"> • The title has been revised as suggested
<p>"In vitro" should be written in italic throughout the manuscript.</p>	<ul style="list-style-type: none"> • The word "in vitro" has been written in italic
<p>All section headings (second and third order) should also be written in sentence case.</p>	<ul style="list-style-type: none"> • Second and third order section headings have been revised
<p>The equation in page 4 should be labelled as (Eq. 1)</p>	<ul style="list-style-type: none"> • The equation has been labelled as suggested
<p>Author contributions: All authors should have at least three contributions. All authors should contribute to "critical review" in order to be regarded as authors.</p>	<ul style="list-style-type: none"> • Author contribution section has been revised
<p>All taxonomic plant names should be written in italic.</p>	<ul style="list-style-type: none"> • All taxonomic plant names have been revised written in italic
<p>Reference numberings should be corrected (pages 5-6). [1], [2], [3], instead of 1., 2., 3., ...</p>	<ul style="list-style-type: none"> • Reference numberings have been revised as suggested
<p>Journal names and referencing styles should be standardized. You cannot give the journal name as "European J Org Chem."</p>	<ul style="list-style-type: none"> • The abbreviation is obtained from pubmed. Therefore I kept it as it is  <p>The screenshot shows a PubMed search result for the article: "Antifungal Diterpene Alkaloids from the Caribbean Sponge <i>Agelas citrina</i>: Unified Configurational Assignments of Agelasidines and Agelasines". The authors listed are E Paige Stout¹, Lily C Yu¹, and Tadeusz F Molinski². The journal is identified as <i>European J Org Chem</i>. The interface includes a search bar, navigation buttons (Save, Email, Send to, Display options), and a "Free PMC article" link.</p>
<p>No italic scripts for journal names.</p>	<ul style="list-style-type: none"> • Journal name has been revised
<p>Do not give unnecessary information such as "2012 sep(27)" in the references.</p>	<ul style="list-style-type: none"> • Has been revised

3. Acceptance Letter

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Suggestions

Accepted

Manuscript Information

Manuscript ID: MPJ-7757.REV-4
Title in English: In Vitro Acetylcholinesterase Inhibitory Activities of Fractions and Iso-agelasin C Isolated from the Marine Sponge Agelas nakamura
Small Title in English: No information entered
Authors: Suciati SUCIATI¹, Andhika ARISTYAWAN², Valentika SETYANINGTYAS¹, Tutik WAHYUNI¹, Aty WIDYAWARUYANTI¹, Kornkanok INKANINAN³
Institutions: ¹Faculty of Pharmacy, Universitas Airlangga, Pharmaceutical Sciences, Surabaya, Indonesia
²Faculty of Pharmacy, Universitas Airlangga, Master Program in Pharmaceutical Science, Surabaya, Indonesia
³Faculty of Pharmaceutical Sciences, Naresuan University, Department of Pharmaceutical Chemistry and Pharmacognosy, Phitsanulok, Thailand
Keywords in English: Alzheimer's disease, acetylcholinesterase inhibitor, marine sponge, Agelas nakamura; iso-agelasin C.
Manuscript Type: Research article
Processing Status: Accepted

4. Galley Proof



1 of 2 < >

JRP-proofreading External > Inbox x



galleyproofs@respharm.com <galleyproofs@respharm.com>
to me

Sun, Feb 27, 2022, 5:26 AM ☆ ↶ ⋮

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Prof. Dr. Hatice Kubra Elcioglu
Editor-in-Chief, J. Res. Pharm.

One attachment • Scanned by Gmail



SUCIATI <suciati@ff.unair.ac.id>
to galleyproofs@jrespharm.com, Aristyawan

Tue, Mar 1, 2022, 9:02 PM

Dear JRP Editor,

Please find the attached document. Several adjustments are requested, thank you very much for your assistance.

Warm Regards,
Suci

Dr. Suciati
Lecturer, Department of Pharmaceutical Sciences
Faculty of Pharmacy, Universitas Airlangga
Campus C-UNAIR Surabaya, East Java, Indonesia, 60115.

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5. Artikel Diterbitkan

Journal of Research in Pharmacy

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Journal of Research in Pharmacy

2022, Vol 26, Issue 2

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In vitro acetylcholinesterase inhibitory activities of fractions and iso-agelasine C isolated from the marine sponge *Agelas nakamura*

Andhika Dwi ARISTYAWAN¹, Valentika Fitria SETYANINGTYAS², Tutik Sri WAHYUNI², Aty WIDYAWARUYANTI², Kornkanok INGGANINAN⁴, Suciati SUCIATI²

¹Master Program in Pharmaceutical Science, Faculty of Pharmacy, Universitas Airlangga, Surabaya, 60115, East Java, Indonesia

²Department of Pharmaceutical Sciences, Faculty of Pharmacy, Universitas Airlangga, Surabaya, 60115, East Java, Indonesia

³Center for Natural Product Medicine Research and Development, Institute of Tropical Diseases, Universitas Airlangga, Surabaya, 60115, East Java, Indonesia

⁴Bioscreening Unit, Department of Pharmaceutical Chemistry and Pharmacognosy, Faculty of Pharmaceutical Sciences and Center of Excellence for Innovation in Chemistry, Naresuan University, Phitsanulok, Thailand

DOI : 10.29228/jrp.126

Current Issue

Articles in Press