

Accepted Manuscript

Synthesis and antioxidant activity of a procyanidin B3 analogue

Mirei Mizuno, Ikuo Nakanishi, Satoko Matsubayashi, Kohei Imai, Takuya Arai,
Ken-ichiro Matsumoto, Kiyoshi Fukuhara

PII: S0960-894X(16)31340-3
DOI: <http://dx.doi.org/10.1016/j.bmcl.2016.12.067>
Reference: BMCL 24556

To appear in: *Bioorganic & Medicinal Chemistry Letters*

Received Date: 1 October 2016
Revised Date: 14 December 2016
Accepted Date: 23 December 2016

Please cite this article as: Mizuno, M., Nakanishi, I., Matsubayashi, S., Imai, K., Arai, T., Matsumoto, K-i., Fukuhara, K., Synthesis and antioxidant activity of a procyanidin B3 analogue, *Bioorganic & Medicinal Chemistry Letters* (2016), doi: <http://dx.doi.org/10.1016/j.bmcl.2016.12.067>



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Synthesis and antioxidant activity of a procyanidin B3 analogue

Mirei Mizuno^a, Ikuo Nakanishi^b, Satoko Matsubayashi^a, Kohei Imai^a, Takuya Arai^{a,c}, Ken-ichiro Matsumoto^b, Kiyoshi Fukuhara^{a,*}

^a*School of Pharmaceutical Sciences, Showa University, 1-5-8 Hatanodai, Shinagawa-ku, Tokyo 142-8555, Japan*

^b*Quantitative RedOx Sensing Team (QRST), Department of Basic Medical Sciences for Radiation Damages, National Institute of Radiological Sciences (NIRS), Inage-ku, Chiba 263-8555, Japan*

^c*Graduate School of Pharmaceutical Sciences, Nagoya City University, 3-1 Tanabe-dori, Mizuho-ku, Nagoya, Aichi 467-8603, Japan*

*Corresponding author:

Kiyoshi Fukuhara

School of Pharmaceutical Sciences, Showa University,
1-5-8 Hatanodai, Shinagawa-ku, Tokyo 142-8555, Japan

Tel.: +81-3-3784-8186; Fax: +81-3-3784-8252

E-mail address: fukuhara@pharm.showa-u.ac.jp

Download English Version:

<https://daneshyari.com/en/article/5155519>

Download Persian Version:

<https://daneshyari.com/article/5155519>

[Daneshyari.com](https://daneshyari.com)