## 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

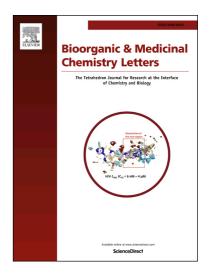
PII: S0960-894X(16)31340-3

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.

# **ACCEPTED MANUSCRIPT**

### Synthesis and antioxidant activity of a procyanidin B3 analogue

Mirei Mizuno<sup>a</sup>, Ikuo Nakanishi<sup>b</sup>, Satoko Matsubayashi<sup>a</sup>, Kohei Imai<sup>a</sup>, Takuya Arai<sup>a,c</sup>, Ken-ichiro Matsumoto<sup>b</sup>, Kiyoshi Fukuhara<sup>a,\*</sup>

<sup>a</sup>School of Pharmaceutical Sciences, Showa University, 1-5-8 Hatanodai, Shinagawa-ku, Tokyo 142-8555, Japan

<sup>b</sup>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

<sup>c</sup>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

<u>Daneshyari.com</u>