

Accepted Manuscript

Synthesis of novel flavone derivatives possessing substituted benzamides and their biological evaluation against human cancer cells

Bo Hee Yun, Young Hun Lee, Kyung Tae Park, Su Jin Jung, Yong Sup Lee

PII: S0960-894X(16)30790-9
DOI: <http://dx.doi.org/10.1016/j.bmcl.2016.07.063>
Reference: BMCL 24107

To appear in: *Bioorganic & Medicinal Chemistry Letters*

Received Date: 16 May 2016
Revised Date: 21 July 2016
Accepted Date: 27 July 2016

Please cite this article as: Yun, B.H., Lee, Y.H., Park, K.T., Jung, S.J., Lee, Y.S., Synthesis of novel flavone derivatives possessing substituted benzamides and their biological evaluation against human cancer cells, *Bioorganic & Medicinal Chemistry Letters* (2016), doi: <http://dx.doi.org/10.1016/j.bmcl.2016.07.063>

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.



Graphical Abstract

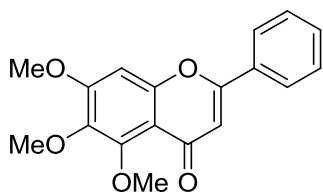
To create your abstract, type over the instructions in the template box below.
Fonts or abstract dimensions should not be changed or altered.

Synthesis of novel flavone derivatives possessing substituted benzamides and their biological evaluation against human cancer cells

Leave this area blank for abstract info.

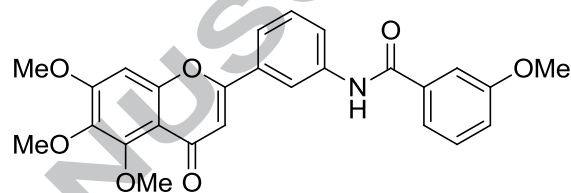
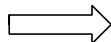
Bo Hee Yun, Young Hun Lee, Kyung Tae Park, Su Jin Jung, Yong Sup Lee*

Department of Life and Nanopharmaceutical Sciences, Kyung Hee University, Seoul 02447, Republic of Korea



5,6,7-trimethoxyflavone, **2**

$GI_{50} = 54.99 \mu\text{M}$ (A549) & $91.40 \mu\text{M}$ (MCF-7)



5n

$GI_{50} = 7.06 \mu\text{M}$ (A549) & $7.67 \mu\text{M}$ (MCF-7)

Download English Version:

<https://daneshyari.com/en/article/10592174>

Download Persian Version:

<https://daneshyari.com/article/10592174>

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