

## Accepted Manuscript

Activation of lysine-specific demethylase 1 inhibitor peptide by redox-controlled cleavage of a traceless linker

Yuichi Amano, Naoki Umezawa, Shin Sato, Hisami Watanabe, Takashi Umehara, Tsunehiko Higuchi

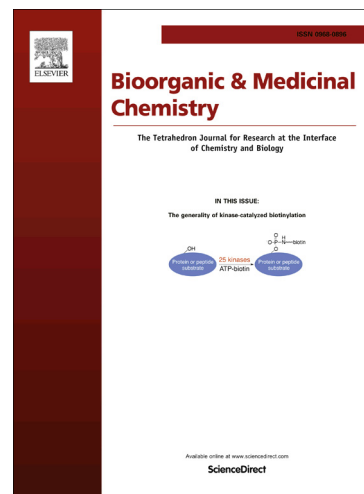
PII: S0968-0896(16)31208-1  
DOI: <http://dx.doi.org/10.1016/j.bmc.2016.12.033>  
Reference: BMC 13460

To appear in: *Bioorganic & Medicinal Chemistry*

Received Date: 16 November 2016  
Revised Date: 20 December 2016  
Accepted Date: 21 December 2016

Please cite this article as: Amano, Y., Umezawa, N., Sato, S., Watanabe, H., Umehara, T., Higuchi, T., Activation of lysine-specific demethylase 1 inhibitor peptide by redox-controlled cleavage of a traceless linker, *Bioorganic & Medicinal Chemistry* (2016), doi: <http://dx.doi.org/10.1016/j.bmc.2016.12.033>

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.



## Activation of lysine-specific demethylase 1 inhibitor peptide by redox-controlled cleavage of a traceless linker

Yuichi Amano <sup>†</sup>, Naoki Umezawa <sup>†\*</sup>, Shin Sato <sup>‡</sup>, Hisami Watanabe <sup>‡</sup>, Takashi Umehara <sup>‡§\*</sup>, Tsunehiko Higuchi <sup>†\*</sup>

<sup>†</sup> *Graduate School of Pharmaceutical Sciences, Nagoya City University, 3-1 Tanabe-dori, Mizuho-ku, Nagoya 467-8603, Japan*

<sup>‡</sup> *RIKEN Center for Life Science Technologies, 1-7-22 Suehiro-cho, Tsurumi-ku, 230-0045, Japan*

<sup>§</sup> *PRESTO, Japan Science and Technology Agency (JST), 4-1-8 Honcho, Kawaguchi, 332-0012, Japan*

\*Corresponding Author

*E-mail Address:* umezawa@phar.nagoya-cu.ac.jp (Naoki Umezawa)  
takashi.umehara@riken.jp (Takashi Umehara)  
higuchi@phar.nagoya-cu.ac.jp (Tsunehiko Higuchi)

*Tel & Fax:* +81-52-836-3438 (Naoki Umezawa)  
+81-45-503-9457 (Takashi Umehara)  
+81-52-836-3435 (Tsunehiko Higuchi)

Download English Version:

<https://daneshyari.com/en/article/7776512>

Download Persian Version:

<https://daneshyari.com/article/7776512>

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