

OPEN ACCESS

EDITED AND REVIEWED BY Michael Kassiou, The University of Sydney, Australia

*CORRESPONDENCE Shoude Zhang, shoude.zhang@qhu.edu.cn Zhanhai Su, suzhanhai@foxmail.com

SPECIALTY SECTION

This article was submitted to Medicinal and Pharmaceutical Chemistry, a section of the journal Frontiers in Chemistry

RECEIVED 31 October 2022 ACCEPTED 10 November 2022 PUBLISHED 18 November 2022

CITATION

Zhang S, Jia Q, Gao Q, Fan X, Weng Y and Su Z (2022), Corrigendum: Dual-specificity phosphatase CDC25B was inhibited by natural product HB-21 through covalently binding to the active site.

Front. Chem. 10:1082236. doi: 10.3389/fchem.2022.1082236

COPYRIGHT

© 2022 Zhang, Jia, Gao, Fan, Weng and Su. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

Corrigendum: Dual-specificity phosphatase CDC25B was inhibited by natural product HB-21 through covalently binding to the active site

Shoude Zhang^{1,2}*, Qiangqiang Jia¹, Qiang Gao¹, Xueru Fan², Yuxin Weng² and Zhanhai Su^{1,2}*

¹State Key Laboratory of Plateau Ecology and Agriculture, Qinghai University, Xining, China, ²Department of Pharmacy, Medical College of Qinghai University, Xining, China

KEYWORDS

Cdc25B inhibitor, sesquiterpene lactone, anticancer, cell cycle progression, covalent binding to protein

A Corrigendum on

Dual-specificity phosphatase CDC25B was inhibited by natural product HB-21 through covalently binding to the active site

by Zhang S, Jia Q, Gao Q, Fan X, Weng Y and Su Z (2018). Front. Chem. 6:531. doi: 10.3389/fchem.2018.00531

In the original article, there was an error in the affiliations as published, in which a third affiliation was wrongly included for author "Shoude Zhang". The correct affiliations appear above.

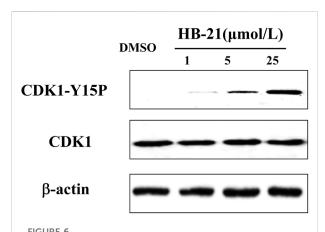
In the original article, there was an error in Figure 6, page 4, as published. In the same batch of experiments, WB experiments for two compounds were done at the same time, and the article incorrectly used the results of another drug in the experiments. The corrected Figure 6 and its caption appear below.

The authors apologize for these errors and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.

Zhang et al. 10.3389/fchem.2022.1082236



Inhibition of CDK1 dephosphorylation caused by HB-21. The cells in the G2/M phase were treated with the indicated concentration of HB-21 or DMSO for 4 h, and then harvested. The

samples were processed for Western blot analysis.