

# SCIENTIFIC REPORTS

**OPEN**

## **Corrigendum: Existence of G-quadruplex structures in promoter region of oncogenes confirmed by G-quadruplex DNA cross-linking strategy**

Libo Yuan, Tian Tian, Yuqi Chen, Shengyong Yan, Xiwen Xing, Zhengan Zhang, Qianqian Zhai, Liang Xu, Shaoru Wang, Xiaocheng Weng, Bifeng Yuan, Yuqi Feng & Xiang Zhou

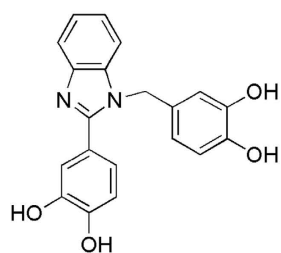
*Scientific Reports* 3:1811; doi: 10.1038/srep1811; published online 09 May 2013; updated on 03 November 2016

A recent study has reported that the structure of known compound 1 should be revised (revised compound 1, Fig. 1)<sup>1</sup>. We are aware that the structure of compound 1 reported in our Article is incorrect and should be revised. In addition, the structure of compound 1a should also be revised in the Article and Supplementary Information (Fig. 1). Revised compound 1a was the final product (HPLC purified) and was used in the pull-down experiments reported in the paper.

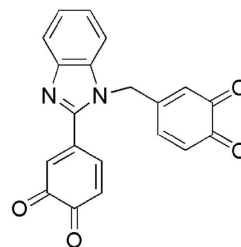
The structure of compound 4 (Supplementary Information) should also be revised (Fig. 1). Revised Compound 4 was not used in any of the biological studies reported in our paper, and is an intermediate in the synthesis of revised compound 1a. These revised structures do not affect the central conclusions of the paper, because the biological active groups (bis-phenol) are unchanged.

### **References**

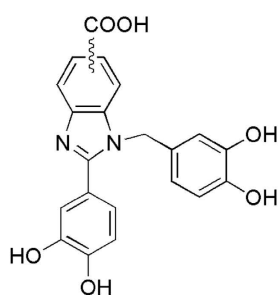
1. Reyes-Gutiérrez, P. E. *et al.* Structural revisions of small molecules reported to cross-link G-quadruplex DNA *in vivo* reveal a repetitive assignment error in the literature. *Sci. Rep.* **6**, 23499 (2016).



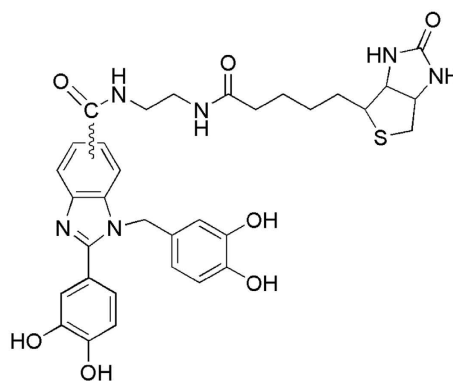
Revised compound **1**



Revised active drug



Revised compound **4**



Revised compound **1a**

**Figure 1. Revised structures.**



This work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 Unported License. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in the credit line; if the material is not included under the Creative Commons license, users will need to obtain permission from the license holder to reproduce the material. To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc-nd/3.0/>

© The Author(s) 2016