

## CORRECTION

View Article Online

View Journal | View Issue

Cite this: *Org. Chem. Front.*, 2020, **7**, 3842

# Correction: A removable directing group-assisted Rh(III)-catalyzed direct C–H bond activation/annulation cascade to synthesize highly fused isoquinolines

Yilang Cheng,<sup>a,b,c</sup> Xu Han,<sup>a,b</sup> Junyou Li,<sup>a,b</sup> Yu Zhou<sup>\*a,b</sup> and Hong Liu<sup>\*a,b,c</sup>

DOI: 10.1039/d0qo90077j

rsc.li/frontiers-organic

Correction for 'A removable directing group-assisted Rh(III)-catalyzed direct C–H bond activation/annulation cascade to synthesize highly fused isoquinolines' by Yilang Cheng *et al.*, *Org. Chem. Front.*, 2020, **7**, 3186–3192, DOI: 10.1039/D0QO00786B.

The authors regret that some related work was not cited in the original manuscript.

The text “we serendipitously detected that the azomethine imine group could be used as a removable DG when treating aryl azomethine imines (**1**) with 4-diazoisochroman-3-imine (**2**) in the presence of a Rh(III)-complex catalyst, in which the highly fused isoquinoline scaffolds could be effectively and facily constructed *via* a C–H activation and annulation cascade (Scheme 1d).” should read “we serendipitously detected that the azomethine imine group could be used as a removable DG when treating aryl azomethine imines (**1**) with 4-diazoisochroman-3-imine (**2**), an intriguing substrate for the synthesis of isochroman polycyclic scaffolds,<sup>1,2</sup> in the presence of a Rh(III)-complex catalyst, in which the highly fused isoquinoline scaffolds could be effectively and facily constructed *via* a C–H activation and annulation cascade (Scheme 1d).”

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

## References

- 1 A. Ren, P. Lu and Y. Wang, Convenient preparation of 4-diazoisochroman-3-imines and 3-substituted 3,5-dihydroisochromeno [3,4-d][1,2,3]triazoles, *Chem. Commun.*, 2017, **53**, 3769–3772.
- 2 Z. Li, J. Xie, P. Lu and Y. Wang, Synthesis of 8-Alkoxy-5H-isochromeno[3,4-c]isoquinolines and 1-Alkoxy-4-arylisochromeno[3,4-c]isoquinolines through Rh(III)-Catalyzed C–H Functionalization of Benzimidates with 4-Diazoisochroman-3-imines and 4-Diazoisochromeno-3-ones, *J. Org. Chem.*, 2020, **85**, 5525–5535.

<sup>a</sup>State Key Laboratory of Drug Research and CAS Key Laboratory of Receptor Research, Shanghai Institute of Materia Medica, Chinese Academy of Sciences, 555 Zu Chong Zhi Road, Shanghai, 201203, China. E-mail: zhouyu@simm.ac.cn, hliu@simm.ac.cn

<sup>b</sup>University of Chinese Academy of Sciences, No. 19A Yuquan Road, Beijing 100049, China

<sup>c</sup>School of Life Science and Technology, ShanghaiTech University, 100 Haike Road, Shanghai 201210, China

