

CORRECTION

[View Article Online](#)
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rsc.li/chemical-scienceCorrection for 'Asymmetric catalytic [1,3]- or [3,3]-sigmatropic rearrangement of 3-allyloxy-4*H*-chromenones and their analogues' by Yi Li *et al.*, *Chem. Sci.*, 2024, 15, 11005–11012, <https://doi.org/10.1039/D4SC02201G>.

The authors regret that an important reference that should be cited was missed in the original article; this reference is shown below as ref. 4. The corresponding revised text is as follows.

There are rare examples related to asymmetric catalytic C2-functionalization of 3-hydroxychromenones:^{1–4} one is a chiral Pybox–Sc(III)-complex-catalyzed formal [3,3]-rearrangement to construct 3,4-chromanediones by Porco and co-workers,¹ and the other is chiral NHC-initiated formation of an α,β -unsaturated acyl azolium intermediate to perform Coates–Claisen rearrangement by Bode's group² and Rafiński's group.³

Furthermore, other important compounds derived from kojic acid (**5q**), allomaltol (**5r**) and lawsone (**5s**) could be efficiently constructed in good yields (64–87%) and enantioselectivities (74–92% ee). These products were previously obtained *via* iridium-catalyzed allylic alkylation by Mukherjee *et al.*⁴

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

References

- 1 J. Maríe, Y. Xiong, K. Min, A. R. Yeager, T. Taniguchi, N. Berova, S. E. Schaus and J. A. Porco Jr, *J. Org. Chem.*, 2010, 75, 4584.
- 2 (a) J. Kaeobamrung, J. Mahatthananchai, P. Zheng and J. W. Bode, *J. Am. Chem. Soc.*, 2010, 132, 8810; (b) J. Mahatthananchai, P. Zheng and J. W. Bode, *Angew. Chem., Int. Ed.*, 2011, 50, 1673; (c) J. Mahatthananchai, J. Kaeobamrung and J. W. Bode, *ACS Catal.*, 2012, 2, 494; (d) J. Mahatthananchai and J. W. Bode, *Acc. Chem. Res.*, 2014, 47, 696.
- 3 K. Dzieszowski, M. Słotwiński, K. Rafińska, T. M. Muzioł and Z. Rafiński, *Chem. Commun.*, 2021, 57, 9999.
- 4 S. Mitra, R. Sarkar, A. Chakrabarty and S. Mukherjee, *Chem. Sci.*, 2022, 13, 12491–12497.

