



Correction: Assembly of fluorinated chromanones via enantioselective tandem reaction

Cite this: *Chem. Commun.*, 2021,
57, 5842

Mengxue Lu,^a Zongli Xiong,^a Yuqiao Zhou,^b Xin Wang,^a Xiaoyi Li,^a Jingxiang Duan,^a
Weijun Yao,^c Yi Xia^{*a} and Zhen Wang^{*a}

DOI: 10.1039/d1cc90194j

Correction for 'Assembly of fluorinated chromanones via enantioselective tandem reaction' by Mengxue Lu et al., *Chem. Commun.*, 2021, **57**, 4722–4725, DOI: 10.1039/D1CC01187A.

rsc.li/chemcomm

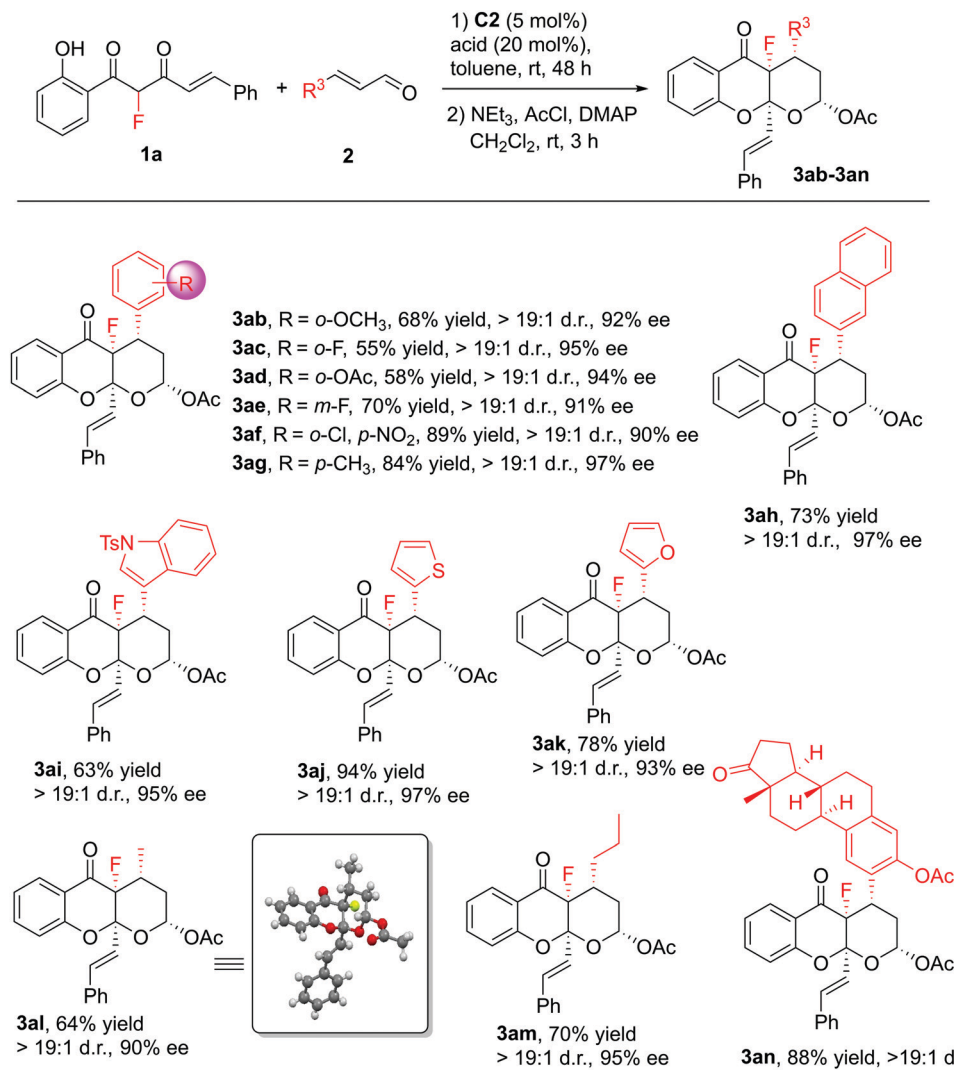
The authors regret that the structure of compound **3an** was incorrect in Scheme 4 of the original article, the graphical abstract image, and the supplementary information. None of the scientific conclusions or discussion relating to this structure are affected. The correct structure is shown here in the corrected Scheme 4. The graphical abstract and supplementary information have been updated online accordingly.

^a School of Pharmaceutical Sciences and Chongqing Key Laboratory of Natural Drug Research, Chongqing University, Chongqing 401331, P. R. China.
E-mail: wangz1114@cqu.edu.cn, yixia@cqu.edu.cn

^b Key Laboratory of Green Chemistry & Technology, Ministry of Education, College of Chemistry, Sichuan University, Chengdu 610064, P. R. China

^c Department of Chemistry, Zhejiang Sci-Tech University, Hangzhou, 310018, P. R. China





Scheme 4 Substrate scope of the reaction between α,β -unsaturated aldehydes **2** and 2-*F*-1-(2-hydroxyphenyl)-1,3-butanedione **1a**. The reactions were carried out with **1a** (0.2 mmol), **2** (0.24 mmol), chiral amine **C2** (5 mol%) and salicylic acid (20 mol%) in toluene (0.1 M) at r.t. for 48 h, followed by acylation in the presence of NEt₃ (2 equiv.), acetyl chloride (1.5 equiv.) and DMAP (0.1 equiv.) in CH₂Cl₂ (4.0 mL) for 3 h. Yield refers to isolated yield, > 19:1 d.r. was determined by ¹H NMR and ¹⁹F NMR of the crude products. ee value was determined by HPLC analysis.

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

