Organic & Biomolecular Chemistry

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CORRECTION

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Cite this: *Org. Biomol. Chem.*, 2024, **22**, 9271

DOI: 10.1039/d4ob90142h

rsc.li/obc

Correction: Cu(II)-Mediated aerobic oxidative synthesis of sulfonated chromeno[4,3-*c*]pyrazol-4(2*H*)-ones

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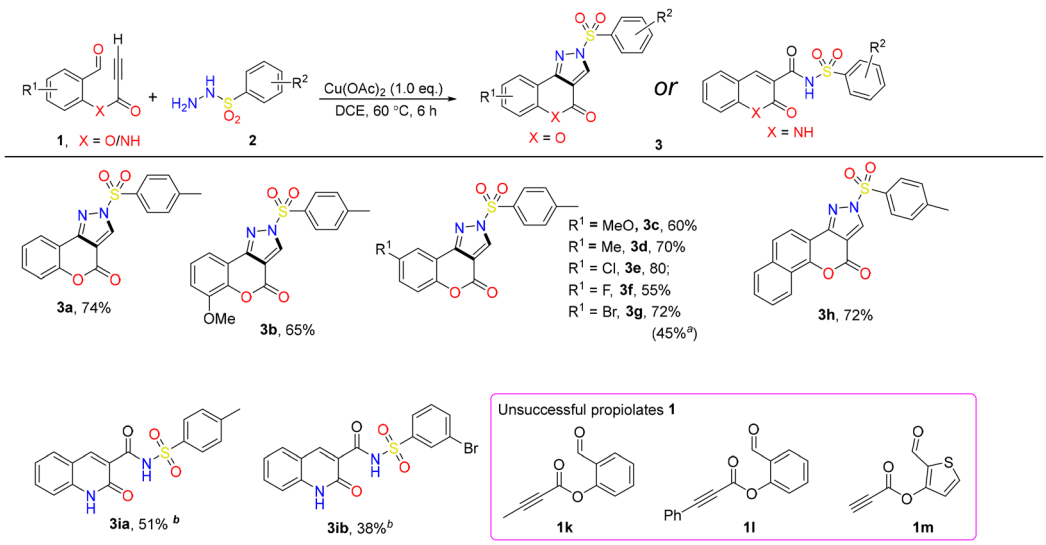
Correction for 'Cu(II)-Mediated aerobic oxidative synthesis of sulfonated chromeno[4,3-*c*]pyrazol-4(2*H*)-ones' by Quan Zhou *et al.*, *Org. Biomol. Chem.*, 2022, **20**, 5575–5581, https://doi.org/10.1039/D2OB00639A.

The authors regret that the molecules **3ia**, **3ib** in the original article (Scheme 2) were incorrectly reported. Instead, they are *N*-sulfonated quinolin-2(1*H*)-one-3-carboxamides, which was disclosed by X-ray diffraction and reported by the authors in a recent publication.[1]



Scheme 2 Scope of salicylaldehyde propiolates. Reaction conditions: **1** (0.30 mmol), **2** (0.33 mmol), $Cu(OAc)_2$ (1.0 equiv.), 1,2-dichloroethane (6.0 mL), 60 °C, air, 6 h; isolated yield of the product; [a] 4 mmol scale, O_2 (1 atm), 12 h; [b] With TFA (1 eq.) as additive.

The corrections to the article are detailed below.

1. The correct Scheme 2 is shown here incorporating the corrected structures for **3ia**, **3ib**.

2. In the Experimental section the corrected details for **3ia** and **3ib** are:

2-Oxo-*N*-tosyl-1,2-dihydroquinoline-3-carboxamide (**3ia**). White solid (51 mg, 49%); mp: 298–301 °C; ^{1}H NMR (400 MHz, DMSO-d_6) δ 8.85 (s, 1H), 7.94 (d, J = 8.2 Hz, 3H), 7.76–7.65 (m, 1H), 7.45 (d, J = 8.2 Hz, 3H), 7.33 (t, J = 7.5 Hz, 1H), 2.39 (s, 3H);

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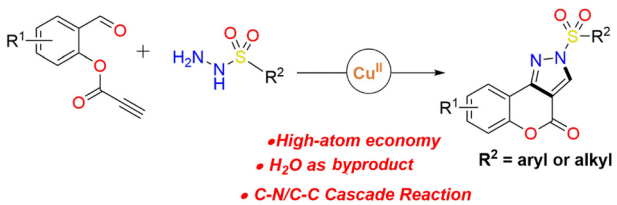
^{13}C NMR (101 MHz, DMSO-d_6) δ 167.3, 166.0, 151.5, 149.9, 145.1, 141.1, 139.4, 135.6, 134.9, 133.2, 128.7, 124.0, 123.9, 121.0, 26.3; HRMS (ESI) ([M + H]$^+$) calcd for [$C_{17}H_{15}N_2O_4S^+$]: 343.0747 (100.0%), found: 343.0745 (100%).

N-((3-Bromophenyl)sulfonyl)-2-oxo-1,2-dihydroquinoline-3-carboxamide (**3ib**). White solid (45 mg, 37%); mp: 265–270 °C; ^{1}H NMR (400 MHz, DMSO-d_6) δ 8.93 (s, 1H), 8.27–8.20 (m, 1H), 8.11–8.06 (m, 1H), 7.98 (m, 2H), 7.75 (t, J = 7.8 Hz, 1H), 7.63 (t, J = 8.0 Hz, 1H), 7.48 (t, J = 8.7 Hz, 1H), 7.35 (t, J = 7.6 Hz, 1H); ^{13}C NMR (101 MHz, DMSO) δ 162.6, 161.6, 147.0, 141.1, 140.4, 137.4, 134.8, 132.0, 130.9, 130.8, 127.4, 124.0, 122.3, 119.1, 116.3; HRMS (ESI) ([M + H]$^+$) calcd for [$C_{16}H_{12}BrN_2O_4S$]: 406.9696 (100%), 408.9675 (97.3%), found: 406.9696 (100%), 408.9663 (97.3%).

3. In the abstract: "... we developed a concise and facile synthesis of 2-sulfonylated chromeno [4,3-*c*]pyrazol-4(2*H*)-ones or 2,5-dihydro-4*H*-pyrazolo[4,3-*c*]quinolin-4-ones *via* Cu(II)-promoted oxidative ..." should read "... we developed a concise and facile synthesis of 2-sulfonylated chromeno[4,3-*c*]pyrazol-4(2*H*)-ones *via* Cu(II)-promoted oxidative ..."

4. The table of contents graphic should be corrected to:



5. The final sentence in the Introduction "Herein, a feasible protocol (**Scheme 1f**) was developed for sulfonylated pyrazole fused chromeno/quinolinone *via* corresponding propiolates and sulfonohydrazides" should read "Herein, a feasible protocol (**Scheme 1f**) was developed for sulfonylated pyrazole fused chromeno *via* corresponding propiolates and sulfonohydrazides".

6. Conclusion: "Such strategy provides a quick avenue to develop a drug library of chromeno/quinolinone fused with pyrazole rings." should read "Such a strategy provides a quick avenue to develop a drug library of chromeno fused with pyrazole rings."

7. The corrected structures for compounds **3ia** and **3ib** have been included in the updated ESI.

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

References

1 X. Chen, S.-J. Fang, Q. Zhou, W. Huang, Q.-L. Liu and L. Wang, *Org. Biomol. Chem.*, 2024, DOI: **10.1039/D4OB01071J**.

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