Organic & **Biomolecular Chemistry**



CORRECTION

View Article Online



Cite this: Org. Biomol. Chem., 2019, **17**, 7425

Correction: lodine mediated oxidative cross coupling of 2-aminopyridine and aromatic terminal alkyne: a practical route to imidazo[1,2-a] pyridine derivatives

Correction for 'lodine mediated oxidative cross coupling of 2-aminopyridine and aromatic terminal

Surya Kanta Samanta and Mrinal K. Bera*

DOI: 10.1039/c9ob90125f

alkyne: a practical route to imidazo[1,2-a]pyridine' by Surya Kanta Samanta et al., Org. Biomol. Chem., 2019. 17. 6441-6449. rsc li/obc

There were some minor errors in the article, which should be corrected as follows.

Table 1, footnote a should be corrected to read 'Reaction conditions: 1a (1.2 equiv.), 2a (1.0 equiv.), I₂ (30 mol%), DMSO (2.0 ml), reflux at 90 °C (10-12 h)'.

In the sentence included immediately above Scheme 3, '2-aminopyridine 1a' should be corrected to '2-aminopyridine 2a'. The corrected sentence should read 'Therefore, 2-aminopyridine 2a and the aromatic terminal acetylene were allowed to react under the optimized reaction conditions but at 125 °C and methylthiolated imidazo[1,2-a]pyridine derivative 7 was isolated with fairly good yield (Scheme 3)'.

Table 3, footnote a should be corrected to read 'Reaction conditions: 1 (1.2 equiv.), 2a (1.0 equiv.), I₂ (30 mol%), DMSO (2.0 ml), reflux at 125 °C (16-18 h).

In the General methods section '13C {1H} NMR spectra' should read '13C NMR spectra'.

In the 'Typical procedure for synthesis of product 3a', in the first sentence 'iodine (80.7 mg, 0.25 mmol)' should be corrected to 'iodine (76.2 mg, 0.30 mmol)', and in the last sentence '3a as a white solid (1.44 mg, 74% yield)' should be corrected to '3a as a white solid (144 mg, 74% yield)'.

In the 'Typical procedure for synthesis of product 7a', in the first sentence 'iodine (80.7 mg, 0.25 mmol)' should be corrected to 'iodine (76.2 mg, 0.30 mmol)'.

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