Chemical Science



CORRECTION

View Article Online
View Journal | View Issue



Cite this: Chem. Sci., 2020, 11, 896

Correction: One-pot syntheses of irida-polycyclic aromatic hydrocarbons

Yu Xuan Hu,^a Jing Zhang,^a Xiaoyan Wang,^a Zhengyu Lu,^b Fangfang Zhang,^a Xiaofei Yang,^a Zhihua Ma,^a Jun Yin,^{*a} Haiping Xia^b and Sheng Hua Liu^{*a}

DOI: 10.1039/c9sc90268f

rsc.li/chemical-science

Correction for 'One-pot syntheses of irida-polycyclic aromatic hydrocarbons' by Yu Xuan Hu et al., Chem. Sci., 2019, 10, 10894–10899.

The authors regret that there is an ambiguous statement about the synthetic route on Page 1 and would like to clarify the origin of the synthetic route to be entirely clear to readers. Please note that this error does not affect the interpretation of the results. The following statement was added to the front of "In 2018,". The authors reference work by the Bolaño group, which is reference 14 in the original manuscript, and is included as reference 1 below.

"The synthetic process involved in two step reactions: the first step is the synthesis of methoxy(alkenyl)carbeneiridiums by treating [IrCp*Cl(NCMe)(PMe₃)]PF₆ and diarylpropargyl alcohols as demonstrated by the Bolaño group, and the next step is the synthesis of iridanaphthalenes by reaction of methoxy(alkenyl)carbeneiridiums with silver hexafluorophosphate.

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

References

1 Talavera, S. Bolaño, J. Bravo, J. Castro, S. García-Fontán and J. M. Hermida-Ramón, Organometallics, 2013, 32, 4402-4408.

[&]quot;Key Laboratory of Pesticide and Chemical Biology, Ministry of Education, College of Chemistry, Central China Normal University, Wuhan 430079, P. R. China. E-mail: yinj@mail.ccnu.edu.cn

^bDepartment of Chemistry, Shenzhen Grubbs Institute, Southern University of Science and Technology, Shenzhen 518055, P. R. China