

Cite this: *Chem. Sci.*, 2021, 12, 8268

## Correction: Unexpected formation of 1,2- and 1,4-bismethoxyl $Sc_3N@I_h-C_{80}$ derivatives via regioselective anion addition: an unambiguous structural identification and mechanism study

Yajing Hu,<sup>a</sup> Yang-Rong Yao,<sup>b</sup> Xuechen Liu,<sup>a</sup> Ao Yu,<sup>a</sup> Xiaoming Xie,<sup>b</sup> Laura Abella,<sup>c</sup> Antonio Rodríguez-Forteza,<sup>c</sup> Josep M. Poblet,<sup>c</sup> Takeshi Akasaka,<sup>a</sup> Ping Peng,<sup>a</sup> Qianyan Zhang,<sup>\*b</sup> Su-Yuan Xie,<sup>b</sup> Fang-Fang Li<sup>\*a</sup> and Xing Lu<sup>\*a</sup>

DOI: 10.1039/d1sc90116h

rsc.li/chemical-science

Correction for 'Unexpected formation of 1,2- and 1,4-bismethoxyl  $Sc_3N@I_h-C_{80}$  derivatives via regioselective anion addition: an unambiguous structural identification and mechanism study' by Yajing Hu *et al.*, *Chem. Sci.*, 2021, DOI: 10.1039/d1sc01178b.

The authors regret a mistake in Fig. 3, showing the  $^{13}C$  NMR spectrum of product **1**. In the  $^{13}C$  NMR spectrum of **1**, the peaks corresponding to the  $sp^3$  carbons of the fullerene cage and the methoxy groups were wrongly identified. The correct version of Fig. 3 is shown below.

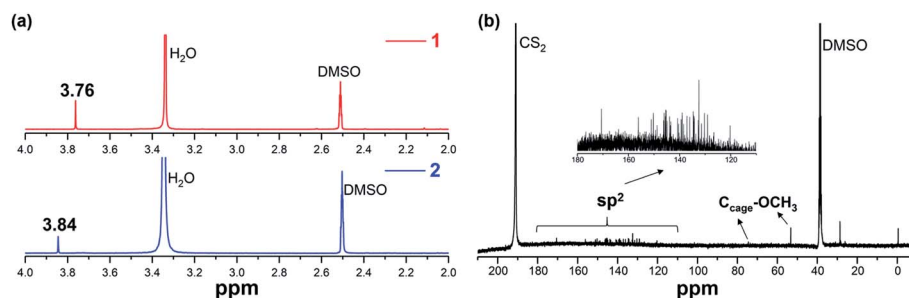


Fig. 3 (a)  $^1H$  NMR spectra of **1** and **2** and (b)  $^{13}C$  NMR spectrum of **1** recorded in  $CS_2$  with  $DMSO-d_6$  as the external lock solvent.

The description of the  $^{13}C$  NMR spectrum in the Results and discussion section should therefore read: Resonance for the two  $sp^3$   $I_h-C_{80}$  cage-carbons bonded to the  $OCH_3$  groups appears at 74.49 ppm, while the peak for the two  $sp^3$   $OCH_3$  carbons appears at 53.76 ppm.

The description of the  $^{13}C$  NMR results in the Experimental section should therefore read: 74.49 (2C,  $sp^3$ ,  $C_{cage}-OCH_3$ ), 53.76 ppm (2C,  $sp^3$ ,  $-OCH_3$ ).

These corrections do not influence any conclusions of the original paper.

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

<sup>a</sup>State Key Laboratory of Material Processing and Die & Mould Technology, School of Materials Science and Engineering, Huazhong University of Science and Technology, Wuhan, Hubei 430074, China. E-mail: fflj@hust.edu.cn; lux@hust.edu.cn

<sup>b</sup>State Key Laboratory for Physical Chemistry of Solid Surfaces, Department of Chemistry, College of Chemistry and Chemical Engineering, Xiamen University, Xiamen 361005, China. E-mail: xmuzhangqy@xmu.edu.cn

<sup>c</sup>Departament de Química Física i Inorgànica, Universitat Rovira i Virgili, Marcel·lí Domingo 1, 43007 Tarragona, Spain

