

## CORRECTION

[View Article Online](#)  
[View Journal](#) | [View Issue](#)Cite this: *Chem. Sci.*, 2021, 12, 8268**Correction: Unexpected formation of 1,2- and 1,4-bismethoxyl  $\text{Sc}_3\text{N}@I_h\text{-C}_{80}$  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>

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[rsc.li/chemical-science](https://rsc.li/chemical-science)Correction for 'Unexpected formation of 1,2- and 1,4-bismethoxyl  $\text{Sc}_3\text{N}@I_h\text{-C}_{80}$  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  $^{13}\text{C}$  NMR spectrum of product **1**. In the  $^{13}\text{C}$  NMR spectrum of **1**, the peaks corresponding to the  $\text{sp}^3$  carbons of the fullerene cage and the methoxy groups were wrongly identified. The correct version of Fig. 3 is shown below.

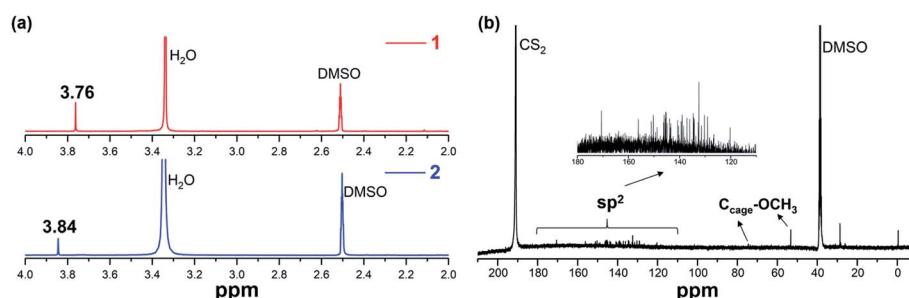


Fig. 3 (a)  $^1\text{H}$  NMR spectra of **1** and **2** and (b)  $^{13}\text{C}$  NMR spectrum of **1** recorded in  $\text{CS}_2$  with  $\text{DMSO}-d_6$  as the external lock solvent.

The description of the  $^{13}\text{C}$  NMR spectrum in the Results and discussion section should therefore read: Resonance for the two  $\text{sp}^3$   $I_h\text{-C}_{80}$  cage-carbons bonded to the  $\text{OCH}_3$  groups appears at 74.49 ppm, while the peak for the two  $\text{sp}^3$   $\text{OCH}_3$  carbons appears at 53.76 ppm.

The description of the  $^{13}\text{C}$  NMR results in the Experimental section should therefore read: 74.49 (2C,  $\text{sp}^3$ ,  $\text{C}_{\text{cage}}\text{-OCH}_3$ ), 53.76 ppm (2C,  $\text{sp}^3$ ,  $\text{-OCH}_3$ ).

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.

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