

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,^a Yang-Rong Yao,^b Xuechen Liu,^a Ao Yu,^a Xiaoming Xie,^b Laura Abella,^c Antonio Rodríguez-Forteza,^c Josep M. Poblet,^c Takeshi Akasaka,^a Ping Peng,^a Qianyan Zhang,^{*b} Su-Yuan Xie,^b Fang-Fang Li^{*a} and Xing Lu^{*a}

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rsc.li/chemical-scienceCorrection 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}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.

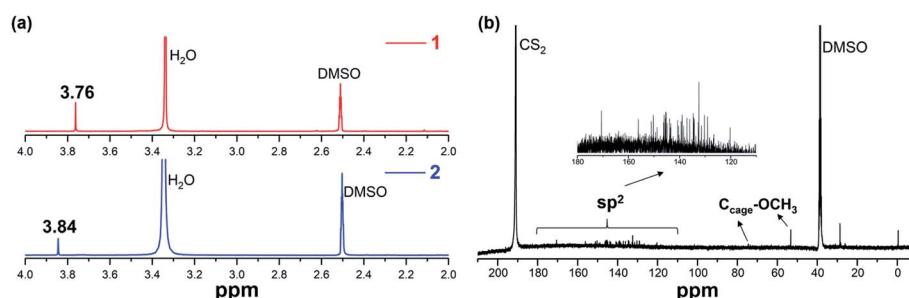


Fig. 3 (a) ^1H NMR spectra of **1** and **2** and (b) ^{13}C NMR spectrum of **1** recorded in CS_2 with $\text{DMSO}-d_6$ as the external lock solvent.

The description of the ^{13}C NMR spectrum in the Results and discussion section should therefore read: Resonance for the two sp^3 $\text{I}_h\text{-C}_{80}$ 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 , $\text{C}_{\text{cage}}\text{-OCH}_3$), 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.

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