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Correction: Acridinedione as selective fluoride ion chemosensor: a detailed spectroscopic and quantum mechanical investigation

 Nafees Iqbal,^a Syed Abid Ali,^a Iqra Munir,^a Saima Khan,^b Khurshid Ayub,^b Mariya al-Rashida,^c Muhammad Islam,^d Zahid Shafiq,^{dg} Ralf Ludwig^{ef} and Abdul Hameed^{*a}

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 Correction for 'Acridinedione as selective fluoride ion chemosensor: a detailed spectroscopic and quantum mechanical investigation' by Nafees Iqbal *et al.*, *RSC Adv.*, 2018, 8, 1993–2003.

The authors regret that the interpretation of the fluorescence spectra of compound **7i** published in the original article was incorrect. In the original article, it was reported that upon excitation at 380 nm, the fluorescence spectrum of compound **7i** showed two emission bands at 450 nm and 770 nm (Fig. 5b of the original article). The signal at 770 nm (previously reported as an emission band), is instead a second order diffraction (an artefact of diffraction grating/spectrofluorometer monochromator), as revealed from the literature.^{1,2} The authors thank a reader for highlighting this mistake.

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

References

- 1 D. Tan, K. Sharafudeen, S. Zhou and J. Qiu, *Nanoscale*, 2012, 4, 6664.
- 2 J. R. Lakowicz, *Principles of Fluorescence Spectroscopy*, Springer, Berlin, 2006, p. 37.

^aH. E. J. Research Institute of Chemistry, International Center for Chemical and Biological Sciences, University of Karachi, Karachi-75270, Pakistan. E-mail: abdu_hameed8@hotmail.com; Fax: +92-21-3481901; Tel: +92-21-99261701-2

^bDepartment of Chemistry, COMSATS Institute of Information Technology, Abbottabad, KPK, Pakistan 22060

^cDepartment of Chemistry, Forman Christian College, A Chartered University, Ferozepur Road, Lahore, Pakistan

^dInstitute of Chemical Sciences, Bahauddin Zakariya University, Multan, Pakistan

^eLeibniz-Institut für Katalyse e. V. an der Universität Rostock, Albert-Einstein-Str. 29a, 18059 Rostock, Germany

^fDepartment of Physical Chemistry, University of Rostock, Dr.-Lorenz-Weg 1, 18059 Rostock, Germany

^gDepartment of Chemistry, Quaid-i-Azam University, Islamabad 45320, Pakistan

