CORRECTION

[View Article Online](#)
[View Journal](#) | [View Issue](#)

Cite this: *Green Chem.*, 2021, **23**, 8707

Correction: A truly bio-based benzoxazine derived from three natural reactants obtained under environmentally friendly conditions and its polymer properties

Irlaine Machado,^{a,b} Isabel Hsieh,^{a,c} Eric Rachita,^a Maria L. Salum,^d Daniela Iguchi,^e Nicholas Pogharian,^a Analisa Pellot,^{a,f} Pablo Froimowicz,^{*e} Veronica Calado^b and Hatsuo Ishida^{*a}

DOI: 10.1039/d1gc90103f
rsc.li/greenchem

Correction for 'A truly bio-based benzoxazine derived from three natural reactants obtained under environmentally friendly conditions and its polymer properties' by Irlaine Machado *et al.*, *Green Chem.*, 2021, **23**, 4051–4064, DOI: 10.1039/D1GC00951F.

In the originally published manuscript, 10.1039/D1GC00951F, the Introduction contains the sentence 'Only synthetically obtained paraformaldehyde and formaldehyde have been used as an aldehyde component for benzoxazine synthesis'. This sentence was unclear in that it referred to bio-based benzoxazines synthesised with the phenolic derivative, primary amine and aldehyde being able to be obtained from renewable sources. Benzoxazines that are not using renewable sources for these components have been synthesised before with other aldehydes, such as benzaldehyde^{1–3} and valeraldehyde.³

In the Methods section, the benzaldehyde was erroneously listed as being purchased from TCI, which does not sell naturally derived benzaldehyde. The authors have clarified that the benzaldehyde used was the naturally derived benzaldehyde purchased from Sigma-Aldrich.

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

References

- 1 S. Ohashi, F. Cassidy, S. Huang, K. Chiou and H. Ishida, *Polym. Chem.*, 2016, **7**, 7177–7184.
- 2 R. Tavernier, L. Granado, G. Foyer, G. David and S. Caillol, *Macromolecules*, 2020, **53**, 2557–2567.
- 3 R. C. S. Pereira, L. R. V. Kotzebue, D. Zampieri, G. Mele, S. E. Mazzetto and D. Lomonaco, *Mater. Today Commun.*, 2019, **21**, 100629.

^aDepartment of Macromolecular Science and Engineering, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, Ohio 44106-7202, USA. E-mail: hxi3@cwru.edu

^bSchool of Chemistry, Universidade Federal do Rio de Janeiro, Rua Horácio Macedo 2030, Cidade Universitária, Rio de Janeiro, RJ 21941-909, Brazil

^cHathaway Brown School, Shaker Heights, Ohio 44122, USA

^dCIHIDECAR-CONICET, Departamento de Química Orgánica Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires Pabellón II, 3er piso, Ciudad Universitaria (C1428EHA), Buenos Aires, Argentina

^eDesign and Chemistry of Macromolecules Group, Institute of Technology in Polymers and Nanotechnology (ITPN), UBA-CONICET, FADU, University of Buenos Aires, Pabellón III, subsuelo, Ciudad Universitaria (C1428EGA), Buenos Aires, Argentina. E-mail: Pablo.froimowicz@fadu.uba.ar

^fHorizon Science Academy Cleveland High School, Cleveland, Ohio 44103, USA