



Cite this: *Phys. Chem. Chem. Phys.*,  
2016, **18**, 6955

## Correction: Miscibility studies of two twist-bend nematic liquid crystal dimers with different average molecular curvatures. A comparison between experimental data and predictions of a Landau mean-field theory for the $N_{TB}$ -N phase transition

D. O. López,<sup>\*a</sup> B. Robles-Hernández,<sup>ab</sup> J. Salud,<sup>a</sup> M. R. de la Fuente,<sup>b</sup> N. Sebastián,<sup>c</sup> S. Diez-Berart,<sup>a</sup> X. Jaen,<sup>a</sup> D. A. Dunmur<sup>d</sup> and G. R. Luckhurst<sup>e</sup>

DOI: 10.1039/c6cp90042a

[www.rsc.org/pccp](http://www.rsc.org/pccp)

Correction for 'Miscibility studies of two twist-bend nematic liquid crystal dimers with different average molecular curvatures. A comparison between experimental data and predictions of a Landau mean-field theory for the  $N_{TB}$ -N phase transition' by D. O. López *et al.*, *Phys. Chem. Chem. Phys.*, 2016, **18**, 4394–4404.

Eqn (25)–(27) in the article should be amended as shown below:

$$A^* = -\frac{K_{3,0}^2}{K_2^{\text{eff}}} \quad (25)$$

$$H(T) - H(T_0) = \Delta H_{N_{TB}-N} + \int_{T_0}^T \Delta C_p dT \quad (26)$$

$$\Delta S_{N_{TB}-N} = -\left[\frac{\partial(\Delta f)}{\partial T}\right]_{T=T_1} = -\frac{3K_{3,0}K_2^{\text{eff}}}{8E} \quad (27)$$

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

<sup>a</sup> *Grup de Propietats Físiques dels Materials (GRPFM-GCMM), Departament de Física, E.T.S.E.I.B, Universitat Politècnica de Catalunya, Diagonal, 647 08028 Barcelona, Spain. E-mail: David.orencio.lopez@upc.edu*

<sup>b</sup> *Departamento de Física Aplicada II, Facultad de Ciencia y Tecnología, Universidad del País Vasco, Apartado 644, E-48080 Bilbao, Spain*

<sup>c</sup> *Institute for Experimental Physics, Otto-von-Guerike Universität Magdeburg, ANP, Universitätsplatz, 39106 Magdeburg, Germany*

<sup>d</sup> *School of Physics and Astronomy, University of Manchester, Manchester M13 9PL, UK*

<sup>e</sup> *Chemistry, University of Southampton, Highfield, Southampton, SO17 1BJ, UK*

