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## Correction: Analyzing the impact of the size of fluoro and chloro substituents on induced mesomorphism in hydrogen bonded liquid crystals

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 Correction for 'Analyzing the impact of the size of fluoro and chloro substituents on induced mesomorphism in hydrogen bonded liquid crystals' by M. K. Sonali *et al.*, *RSC Adv.*, 2024, 14, 20398–20409, <https://doi.org/10.1039/D3RA08569D>

The authors regret that the names of the hydrogen bonded compounds in Tables 1–3 were not correctly given in the original article. The corrected versions of Tables 1–3 are shown herein.

**Table 1** DSC phase transition temperature (°C) and the corresponding enthalpy (J g<sup>-1</sup>) of P18 with fluorobenzoic acids<sup>a</sup>

Hydrogen bonded compound	Method	Transition	Transition temperatures (°C) (enthalpy J g <sup>-1</sup> )	( $\Delta T$ ) <sub>LC</sub>
P18:2FBA	DSC (h)	Cryst → SmA	72.0 (4.57)	13.24
	DSC (c)	SmA → Iso	89.45 (83.45)	
P18:3FBA	DSC (h)	Iso → SmA	74.26 (1.50)	12.79
		SmA → Cryst	61.02 (68.67)	
	DSC (c)	Cryst → SmA	74.06 (5.06)	
		SmA → Iso	101.41 (58.58)	
P18:4FBA	DSC (h)	Iso → SmA	78.78 (1.72)	28.02
		SmA → Cryst <sup>1</sup>	65.99 (34.15)	
		Cryst <sup>1</sup> → Cryst <sup>2</sup>	61.92 (6.04)	
	DSC (c)	Cryst <sup>1</sup> → Cryst <sup>2</sup>	73.53 (20.22)	
		Cryst <sup>2</sup> → SmA	89.58 (73.03)	
		SmA → Iso	107.36 (5.93)	
DSC (c)	Iso → SmA	103.33 (1.86)		
	SmA → Cryst <sup>1</sup>	75.31(26.88)		
	Cryst <sup>1</sup> → Cryst <sup>2</sup>	67.03 (64.09)		

<sup>a</sup> DSC (h) is heating cycle, DSC (c) is cooling cycle. ( $\Delta T$ )<sub>LC</sub> is the thermal range of mesomorphism obtained from the cooling cycle.

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Table 2 DSC phase transition temperature ( $^{\circ}\text{C}$ ) and the corresponding enthalpy ( $\text{J g}^{-1}$ ) of P18 with chlorobenzoic acids

Hydrogen bonded compound	Method	Transition	Transition temperatures ( $^{\circ}\text{C}$ ) (enthalpy $\text{J g}^{-1}$ )	$(\Delta T)_{\text{LC}}$
P18:2ClBA	DSC (h)	Cryst $\rightarrow$ SmA	51.27 (13.88)	9.02
		SmA $\rightarrow$ Iso	71.68 (84.68)	
	DSC (c)	Iso $\rightarrow$ SmA	58.38 (21.57)	
P18:3ClBA	DSC (h)	SmA $\rightarrow$ Cryst	49.36 (29.04)	9.13
		Cryst $\rightarrow$ SmA	72.75 (18.40)	
	DSC (c)	Iso $\rightarrow$ SmA	68.69 (53.48)	
P18:4ClBA	DSC (h)	SmA $\rightarrow$ Cryst	59.56 (23.20)	20.06
		Cryst $\rightarrow$ SmA	75.46 (36.78)	
	DSC (c)	Iso $\rightarrow$ SmA	82.16 (29.29)	
		SmA $\rightarrow$ Cryst	62.10 (52.71)	

Table 3 DSC phase transition temperature ( $^{\circ}\text{C}$ ) and the corresponding enthalpy ( $\text{J g}^{-1}$ ) of P8 with fluoro and chlorobenzoic acids

Hydrogen bonded compound	Method	Transition	Transition temperatures ( $^{\circ}\text{C}$ ) (enthalpy $\text{J g}^{-1}$ )	$(\Delta T)_{\text{LC}}$
P8:2FBA	DSC (h)	Cryst $\rightarrow$ Iso	66.42 (50.09)	25.64
		Iso $\rightarrow$ SmA	53.69 (1.61)	
	DSC (c)	SmA $\rightarrow$ Cryst	28.05 (26.61)	
P8:3FBA	DSC (h)	Cryst $\rightarrow$ Iso	91.52 (59.96)	25.14
		Iso $\rightarrow$ SmA	69.08 (3.34)	
	DSC (c)	SmA $\rightarrow$ Cryst	43.94 (51.45)	
P8:4FBA	DSC (h)	Cryst $\rightarrow$ SmA	61.44 (40.49)	56.57
		SmA $\rightarrow$ Iso	<sup>a</sup>	
	DSC (c)	Iso $\rightarrow$ SmA	99.71 (6.09)	
P8:3ClBA	DSC (h)	SmA $\rightarrow$ Cryst	43.14(41.65)	12.84
		Cryst $\rightarrow$ Iso	72.00(51.88)	
	DSC (c)	Iso $\rightarrow$ SmA	66.03 (5.86)	
P8:4ClBA	DSC (h)	SmA $\rightarrow$ Cryst	53.19(48.92)	52.42
		Cryst $\rightarrow$ SmA	91.73 (35.04)	
	DSC (c)	Iso $\rightarrow$ SmA	117.26 (6.34)	
		SmA $\rightarrow$ Cryst	109.57 (2.55)	
		SmA $\rightarrow$ Cryst	57.15(20.28)	

<sup>a</sup> Not resolved.

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

