

Corrigendum

Crystal structure of an adduct of sarcosine with sucrose [Carbohydrate Research 287 (1996) 117–122]¹

R.V. Krishnakumar^{*}, S. Natarajan*Department of Physics, Madurai Kamaraj University, Madurai 625 021, India*

The information given on p. 120, lines 3–11 should be replaced by the following: These values are quite different from those observed for sucrose [107.8(1) and –44.8(1)], thus indicating that the molecule exhibits an asymmetrical twist about the bridge bonds. The endocyclic torsion angles of the pyranose and furanose rings also differ considerably from the corresponding angles for sucrose. Hence, there are considerable changes in conformation in this structure, in comparison with the structure of sucrose.

Note that the data in Tables 2 and 3 (pp. 119 and 121, respectively) are for sucrose where the sugars are in the L-form (i.e., the enantiomer of natural sucrose, which was used in this study). Thus all the coordinates in Table 2 and the angles in Table 3 should be multiplied by –1 {except for the value for the angle for [O-5–C-1–C-2–C-3] in Table 3 which should be +59.4° for the corrected data set}. Fig. 1 (p. 120) also depicts sucrose in the L-form.

^{*} Corresponding author.

¹ PII of original article: S0008-6215(96)00066-3.