

## Available online at www.sciencedirect.com



Carbohydrate RESEARCH

Carbohydrate Research 339 (2004) 435-436

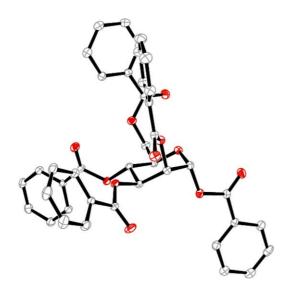
## Corrigendum

Corrigendum to 'The crystal structure of 1,2,3,4,6-penta-O-benzoyl- $\alpha$ -D-mannopyranose: observation of C-H··· $\pi$  interaction as a surrogate to O-H···O interaction of a free sugar' [Carbohydr. Res. 2003, 338, 2005–2011]

B. Muktha,<sup>a</sup> O. Srinivas,<sup>b</sup> M. R. Amresh,<sup>b</sup> T. N. Guru Row,<sup>a</sup> N. Jayaraman<sup>b,\*</sup> and K. Sekar<sup>c</sup>

<sup>a</sup>Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore 560012, India <sup>b</sup>Department of Organic Chemistry, Indian Institute of Science, Bangalore 560012, India <sup>c</sup>Bioinformatics Center, Indian Institute of Science, Bangalore 560012, India

In the above article, the ORTEP diagram and the associated torsion angles are those of the L-isomer, rather than those of the D-isomer of the title compound,



**Figure 2.** ORTEP of **1** with the displacement ellipsoids at 10% probability level. Atom numbering is omitted for clarity. The atom numbers of this ORTEP diagram can be related from Figure 1.

namely, 1,2,3,4,6-*penta-O*-benzoyl-α-D-mannopyranose. † The correct ORTEP diagram of the D-isomer,

 Table 3. Selected torsion angles (estimated standard deviations in parentheses)

Pyranose ring	Angle (°)	
O5-C5-C4-O4	-176.38 (0.14)	
O5-C5-C4-C3	-56.40 (0.20)	
C7-O1-C1-O5	83.40 (0.21)	
C6-C5-C4-O4	63.80 (0.21)	
C6-C5-C4-C3	-176.22 (0.17)	
O5-C5-C6-O6	-75.73 (0.20)	
C4-C5-C6-O6	45.72 (0.23)	
C1-O5-C5-C4	58.24 (0.20)	
C1-O5-C5-C6	-178.75 (0.17)	
C5-O5-C1-O1	62.98 (0.21)	
C5-O5-C1-C2	-56.68 (0.21)	
O3-C3-C2-O2	-55.92 (0.20)	
O3-C3-C2-C1	-169.49 (0.16)	
C4-C3-C2-O2	61.45 (0.20)	
C4-C3-C2-C1	-52.12 (0.22)	
O3-C3-C4-O4	-69.06 (0.19)	
O3-C3-C4-C5	173.19 (0.15)	
C2-C3-C4-O4	172.03 (0.15)	
C2-C3-C4-C5	54.27 (0.21)	
C2-C1-O1-C7	-153.8 (0.17)	
O2-C2-C1-O1	173.34 (0.15)	
O2-C2-C1-O5	-64.11 (0.20)	
C3-C2-C1-O1	-69.75 (0.21)	
C3-C2-C1-O5	52.80 (0.22)	

<sup>&</sup>lt;sup>★</sup>DOI of original article 10.1016/S0008-6215(03)00340-9.

<sup>\*</sup> Corresponding author. Tel.: +91-80-2832578/2932403; fax: +91-80-3600529; e-mail: jayaraman@orgchem.iisc.ernet.in

<sup>&</sup>lt;sup>†</sup> We thank Professor A. Haines, University of East Anglia, Norwich, UK, for bringing this mistake to our attention.

obtained with the aid of INVERT in SHELXL97, is presented here (Fig. 2). The signs of the torsion angles reported in Table 3 are reversed with respect to that of

the D-isomer. Also, the Cremer–Pople puckering parameters obtained for the correct D-isomer are  $Q=0.547\,\text{Å},~\theta=3.15^\circ$  and  $\phi=255.4^\circ$ .