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Correction: Protection of COOH and OH groups in acid, base and salt free reactions

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Correction for 'Protection of COOH and OH groups in acid, base and salt free reactions' by Xiaotao Zhu *et al.*, *Green Chem.*, 2018, **20**, 1444–1447.

The authors regret an error in Table 3 on page 1446 of the original article, whereby the structure of compound **6q** was wrongly displayed.

The corrected structure is shown below (Fig. 1):

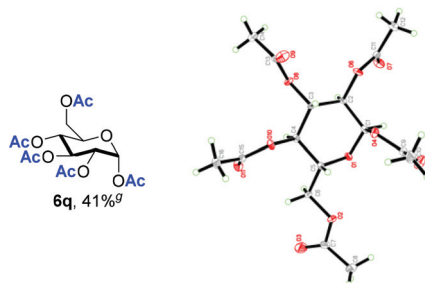


Fig. 1 Structure of compound **6q**.

This correction is supported by X-ray analysis of the crystal of compound **6q**. The crystal data and structure refinement for **6q** are shown in Table 1 below. All of the data match the compound (named α -glucose pentaacetate) published in *Acta Crystallographica*¹ with the CCDC number 1320240.

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Table 1 Crystal data and structure refinement for 6q

Identification code	6q
Empirical formula	C ₁₆ H ₂₂ O ₁₁
Formula weight	390.33
Temperature (K)	100(2)
Wavelength (Å)	0.71073
Crystal system	Orthorhombic
Space group	<i>P</i> 2 ₁ 2 ₁ 2 ₁
Unit cell dimensions (Å, °)	<i>a</i> = 5.5299(2) α = 90 <i>b</i> = 14.5225(4) β = 90 <i>c</i> = 23.5680(6) γ = 90
Volume (Å ³)	1892.70(10)
<i>Z</i>	4
Calculated density (g cm ⁻³)	1.370
Absorption coefficient (mm ⁻¹)	0.117
<i>F</i> ₀₀₀	824
Crystal size (mm ³)	0.21 × 0.16 × 0.13
θ range for data collection (°)	2.935 to 27.155
Miller index ranges	-6 ≤ <i>h</i> ≤ 7, -18 ≤ <i>k</i> ≤ 18, -29 ≤ <i>l</i> ≤ 30
Reflections collected	23 433
Independent reflections	4019 [<i>R</i> _{int} = 0.0773]
Completeness to θ_{\max} (%)	0.977
Max. and min. transmission	0.978 and 0.987
Refinement method	Full-matrix least-squares on <i>F</i> ²
Data/restraints/parameters	4019/0/249
Goodness-of-fit on <i>F</i> ²	1.117
Final <i>R</i> indices [<i>I</i> > 2 σ (<i>I</i>)]	<i>R</i> ₁ = 0.0568, <i>wR</i> ₂ = 0.1027
<i>R</i> indices (all data)	<i>R</i> ₁ = 0.0713, <i>wR</i> ₂ = 0.1059
Largest diff. peak and hole (e Å ⁻³)	0.230 and -0.244
Absolute structure parameter	0.3(2)

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

References

- 1 D. French, *Acta Crystallogr.*, 1954, 7, 136, DOI: 10.1107/S0365110X54000357.

