

CORRECTION

[View Article Online](#)
[View Journal](#) | [View Issue](#)

Cite this: *Green Chem.*, 2018, **20**, 2664

DOI: 10.1039/c8gc90046a
rsc.li/greenchem

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

Xiaotao Zhu,^{a,b} Bo Qian,^b Rongbiao Wei,^{a,b} Jian-Dong Huang^a and Hongli Bao^{*b}

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):

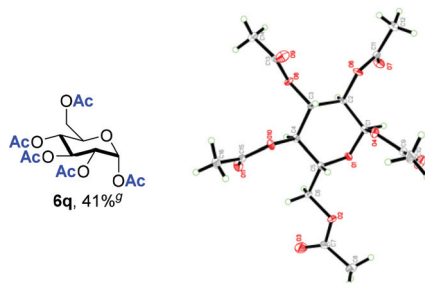


Fig. 1 Structure of compound **6q**.

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.

^aCollege of Chemistry, Fuzhou University, Fuzhou, Fujian 350108, P. R. China

^bState Key Laboratory of Structural Chemistry, Key Laboratory of Coal to Ethylene Glycol and Its Related Technology, Fujian Institute of Research on the Structure of Matter, University of Chinese Academy of Sciences, 155 Yangqiao Road West, Fuzhou, Fujian 350002, P. R. China. E-mail: hlbao@fjirsm.ac.cn

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) <i>α</i> = 90 <i>b</i> = 14.5225(4) <i>β</i> = 90 <i>c</i> = 23.5680(6) <i>γ</i> = 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
<i>θ</i> 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 <i>θ</i> _{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> > 2σ(<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.

