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CORRECTION

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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):

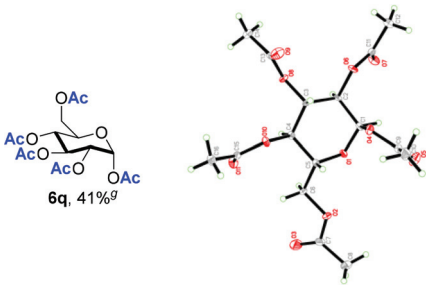


**Fig. 1** Structure of compound **6q**.

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 | $P2_12_12_1$ |
| Unit cell dimensions (Å, °) | $a$ = 5.5299(2) $\alpha$ = 90<br>$b$ = 14.5225(4) $\beta$ = 90<br>$c$ = 23.5680(6) $\gamma$ = 90 |
| Volume (Å) | 1892.70(10) |
| $Z$ | 4 |
| Calculated density (g cm$^{-3}$) | 1.370 |
| Absorption coefficient (mm$^{-1}$) | 0.117 |
| $F_{000}$ | 824 |
| Crystal size (mm$^3$) | 0.21 × 0.16 × 0.13 |
| $\theta$ range for data collection (°) | 2.935 to 27.155 |
| Miller index ranges | $-6 \le h \le 7$, $-18 \le k \le 18$, $-29 \le l \le 30$ |
| Reflections collected | 23 433 |
| Independent reflections | 4019 [$R_{int}$ = 0.0773] |
| Completeness to $\theta_{max}$ (%) | 0.977 |
| Max. and min. transmission | 0.978 and 0.987 |
| Refinement method | Full-matrix least-squares on $F^2$ |
| Data/restraints/parameters | 4019/0/249 |
| Goodness-of-fit on $F^2$ | 1.117 |
| Final $R$ indices [$I > 2\sigma(I)$] | $R_1$ = 0.0568, w$R_2$ = 0.1027 |
| $R$ indices (all data) | $R_1$ = 0.0713, w$R_2$ = 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.