CORRECTIONS & AMENDMENTS

CORRECTION

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Author Correction: Controlling an organic synthesis robot with machine learning to search for new reactivity

Jaroslav M. Granda, Liva Donina, Vincenza Dragone,
De-Liang Long & Leroy Cronin

Correction to: *Nature* <https://doi.org/10.1038/s41586-018-0307-8>,
published online 18 July 2018; corrected online 24 July 2018.

In this Letter, the identity of compound **22** was incorrect. In addition, the numbers of compounds **20**, **21** and **22** were listed incorrectly in Fig. 5. On further analysis we found that, in the reaction shown in Fig. 5f, *O*-acylation presumably leads to a product different to that

shown and as a mixture of diastereoisomers. Although one of these diastereoisomers was unstable to column chromatography, the other was characterized and its structure was confirmed by derivatization and X-ray crystallography (compound **S6**) (Supplementary Information of the original Letter has been corrected; Supplementary Information to this Amendment contains the original, incorrect Supplementary Information, for transparency). The identity of **22** has been corrected in the Letter and its Supplementary Information and the X-ray structural data added. The comparisons to known reactions in Fig. 5g, h have been updated, and the proposed mechanism has also been updated in Extended Data Fig. 2a, c; the original, incorrect figures are shown as Figs. 1 and 2, respectively, of this Amendment, for transparency. We thank J. Sader and J. Wulff for drawing this to our attention. The original Letter has been corrected online.

Supplementary Information is available in the online version of this Amendment.

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Original Fig. 5c

Corrected Fig. 5c

Original Fig. 5e

Corrected Fig. 5e

Original Fig. 5f

Corrected Fig. 5f

Original Fig. 5g

Comparison of discovered reactions with known reactions

Reaction	Synthesis of compound	Percentile of the data
1	19	7.6
2	24	0.78
3	25	9.0
4	26	8.8

Corrected Fig. 5g

Comparison of discovered reactions with known reactions

Reaction	Synthesis of compound	Percentile of the data
1	19	7.6
2	20	0.78
3	21	9.0
4	22	8.0

Original Fig. 5h

Corrected Fig. 5h

Fig. 1 | This is the corrected Fig. 5c, e–h and the incorrect Fig. 5c, e–h published in the original Letter.

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Original Extended Data Fig. 2a

Corrected Extended Data Fig. 2a

Original Extended Data Fig. 2c

Corrected Extended Data Fig. 2c

Fig. 2 | This is the corrected Extended Data Fig. 2a, c and the incorrect Extended Data Fig. 2a, c published in the original Letter.