

CORRECTION

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



Cite this: *Chem. Sci.*, 2019, **10**, 5849

DOI: 10.1039/c9sc90088h

www.rsc.org/chemicalscience

Correction: Identification of selective protein–protein interaction inhibitors using efficient *in silico* peptide-directed ligand design†

Andrew M. Beekman,^{*a} Marco M. D. Cominetti,^a Samuel J. Walpole,^a Saurabh Prabhu,^a Maria A. O'Connell,^a Jesus Angulo^a and Mark Searcey^{*ab}

Correction for 'Identification of selective protein–protein interaction inhibitors using efficient *in silico* peptide-directed ligand design' by Andrew M. Beekman *et al.*, *Chem. Sci.*, 2019, DOI: 10.1039/c9sc00059c.

The authors regret that the structures of compounds 2, 3, 10 and 11 are incorrect in the original article. The correct structures are presented in the updated version of Table 1 below.

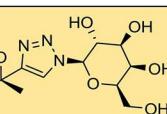
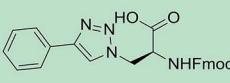
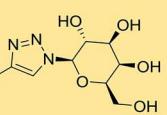
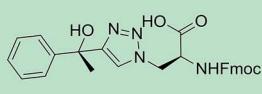
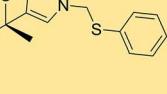
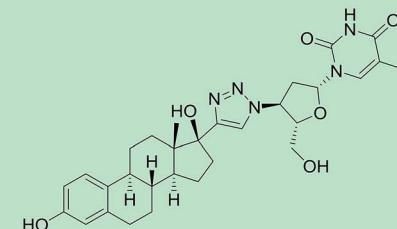
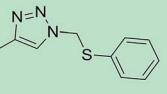
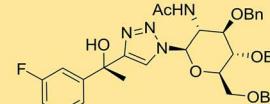
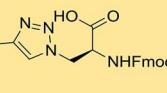
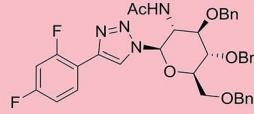
The original ESI was replaced by a correspondingly revised version on 1st May 2019 to reflect these changes.

^aSchool of Pharmacy, University of East Anglia, Norwich Research Park, Norwich, Norfolk, NR47TJ, UK. E-mail: A.BEEKMAN@uea.ac.uk; M.Searcey@uea.ac.uk

^bSchool of Chemistry, University of East Anglia, Norwich Research Park, Norwich, Norfolk, NR47TJ, UK

† Electronic supplementary information (ESI) available: See DOI: 10.1039/c9sc00059c

Table 1 IC_{50} values for inhibition of the binding of FAM-p4 to *hDM2* and *hDMX* of small molecules.^a A green background indicates the compound was designed for and was selective to the same protein. Yellow indicates the compound is a dual inhibitor. A red background indicates the compound was designed for one protein but was selective for the other protein

| Structure | <i>hDMX</i> FA IC_{50} (μ M) [95% CI] | <i>hDM2</i> FA IC_{50} (μ M) [95% CI] | Structure | <i>hDMX</i> FA IC_{50} (μ M) [95% CI] | <i>hDM2</i> FA IC_{50} (μ M) [95% CI] |
|---|--|--|---|--|--|
|  | 0.013 [0.003, 0.046] | 0.24 [0.16, 0.36] |  | >100 | 2.46 [1.01, 4.70] |
|  | 0.019 [0.005, 0.071] | 0.10 [0.03, 0.76] |  | >100 | 5.77 [4.00, 8.37] |
|  | 1.28 [0.64, 2.52] | 8.00 [6.12, 20.06] |  | >100 | 12.42 [8.61, 21.23] |
|  | 1.49 [1.06, 2.10] | >100 |  | 10.97 [8.28, 19.66] | 22.44 [17.92, 29.60] |
|  | 0.97 [0.79, 1.44] | 1.74 [0.89, 3.38] |  | 1.17 [1.02, 4.20] | >100 |

^a IC_{50} values determined by non-linear regression of at least three independent experiments (see ESI, pg 10). Errors are 95% confidence intervals (CI). Fmoc, 9-fluorenylmethylcarbonyl.

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