

Cite this: *Chem. Sci.*, 2025, 16, 3345

Correction: Peptide macrocyclisation *via* intramolecular interception of visible-light-mediated desulfurisation

Frances R. Smith,^a Declan Meehan,^a Rhys C. Griffiths,^a Harriet J. Knowles,^a Peiyu Zhang,^b Huw E. L. Williams,^c Andrew J. Wilson^{bd} and Nicholas J. Mitchell^{*a}DOI: 10.1039/d5sc90021b
rsc.li/chemical-scienceCorrection for 'Peptide macrocyclisation *via* intramolecular interception of visible-light-mediated desulfurisation' by Frances R. Smith *et al.*, *Chem. Sci.*, 2024, 15, 9612–9619, <https://doi.org/10.1039/D3SC05865D>.

The authors regret that the incorrect analytical HPLC trace was assigned to product 53 (carba-oxytocin) in the ESI. The corrected experimental procedure, and the analytical HPLC trace and ESI-MS data for 53 (Fig. S148) have been provided here; the revised isolated yield for 53 is 35%.

The updated supplementary information file has been included with this correction article.

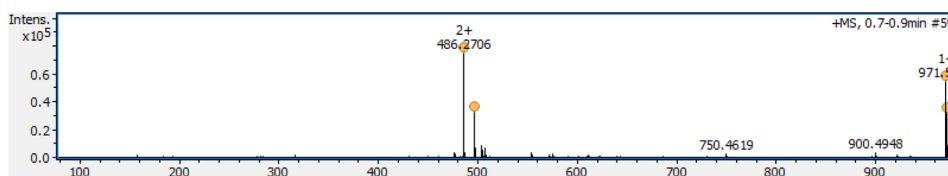
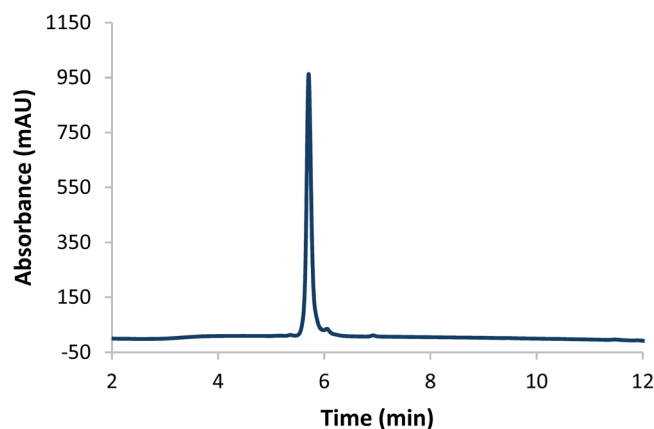


Fig. S148. Analytical HPLC trace and ESI MS of cyclised H-CYIQN(alG)PLG-NH₂ (53); analytical gradient 10–50% B over 10 minutes, 210 nm. Calculated mass [M + H]⁺: 971.52, [M + 2H]²⁺: 486.26; observed mass [M + H]⁺: 971.53, [M + 2H]²⁺: 486.27.

^aSchool of Chemistry, University of Nottingham, University Park, Nottingham, NG7 2RD, UK. E-mail: nicholas.mitchell@nottingham.ac.uk

^bSchool of Chemistry, University of Leeds, Woodhouse Lane, Leeds, LS2 9JT, UK

^cBiodiscovery Institute, University of Nottingham, University Park, Nottingham, NG7 2RD, UK

^dSchool of Chemistry, University of Birmingham, Edgbaston, Birmingham, B15 2TT, UK



Product 53 was synthesised following the optimised cyclisation protocol using H-CYIQN(alG)PLG-NH₂ (52, 5 mg, 4.98 μmol). After analysis the remaining solution (4.89 μmol) was purified using semi-preparative HPLC (10–70% B over 30 minutes); the fractions containing the main products were lyophilised to yield the cyclised title compound (1.7 mg, 1.73 μmol, 35% yield) and the linear desulfurised by-product (2.5 mg, 2.54 μmol, 52% yield), both as fluffy white solids.

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

