



**Showcasing research from Professor Huc's laboratory,
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Design of an abiotic unimolecular three-helix bundle

A major challenge in the field of foldamers is the design, production and characterization of artificial – abiotic – backbones that adopt complex folds like the tertiary structure of proteins, that is, beyond simple helical or linear substructures. Here we present a successful design strategy that eventually led to the most complex abiotic tertiary fold to date, a unimolecular three helix bundle in which each helix interacts with the two others.

Credit for artwork to Mr. Johannes Sigl.

As featured in:



See Ivan Huc *et al.*,
Chem. Sci., 2025, **16**, 1136.