

# A01-3

## Construction of super-close $\pi$ -dimer toward condensed conjugation based on precise control of interatomic distance

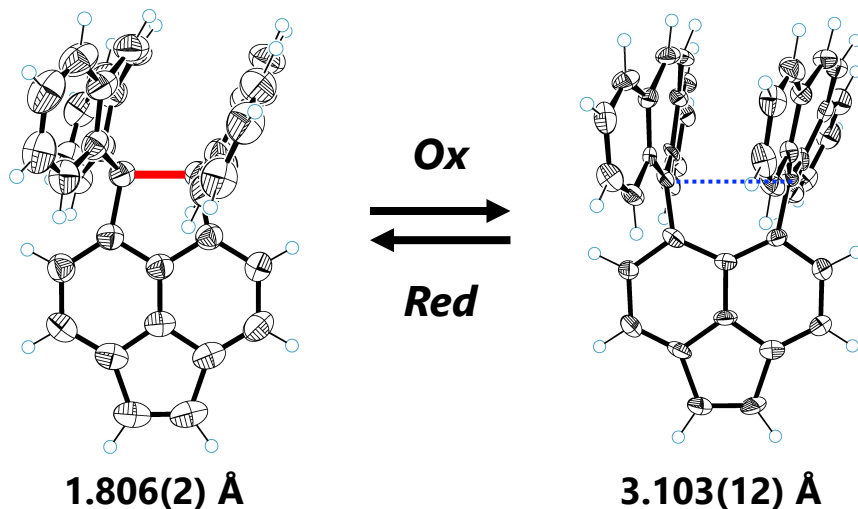
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**Our Mission: Realization of a new electronic conjugation in intermolecular spaces via precise design of molecules with minimum intermolecular distances**

### Aims of A01-3

- Development of original design strategy enabling super-close  $\pi$ -stack
- Switchable three-dimensional conjugation in redox-active molecules

### Approach based on elongated $C_{sp^3}-C_{sp^3}$ bonds



### Development of cyclophane-type redox-active molecules

