

**A01-8**

# Multi-dimensional $\pi$ -network based on polycyclic organic neutral radicals for hyper-condensed conjugation

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

## Our aim in A01-8

- 2D  $\pi$ -expansion and hetero atom-substitution of neutral  $\pi$ -radicals
- Multi-dimensional and condensed  $\pi$ -networks through intermolecular orbital overlaps between 1D  $\pi$ -stacking columns
- New functions based on multi-dimensional and condensed networks of  $\pi$ -conjugation and electronic-spins

