

Organic Cages & Capsules – From Giant to Small, From Labile to Stable

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Since a few years, the research interest in shape-persistent organic cages has significantly increased because these can be synthesized by applying e.g. multiple and (reversible) condensation reactions, which is called dynamic covalent chemistry (DCC). The cages can be made in of different size, geometry and more important function. Insights into structural needs for successful synthesis will be given as well as outstanding materials properties discussed.

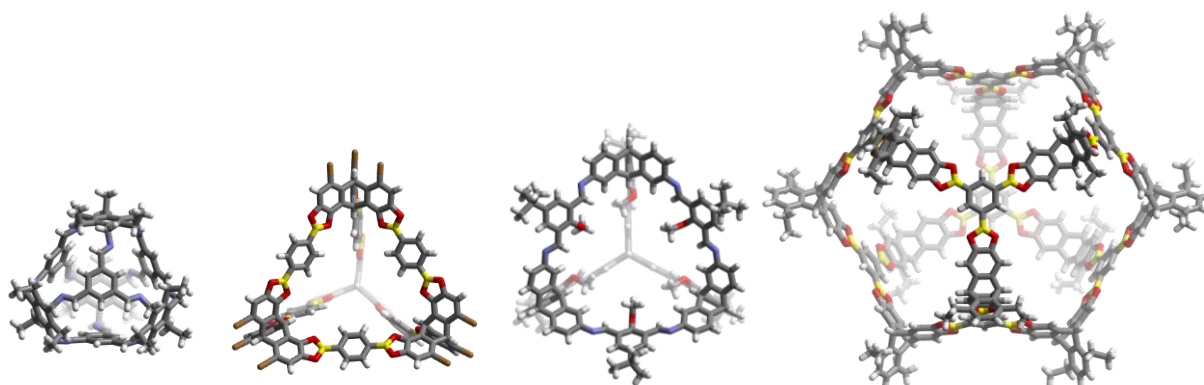


Figure 1. Examples of shape-persistent organic cages (X-ray structures)

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