This *Bachelor´s Thesis* deals with a design and preparation attempts leading to building blocks suitable for macrocycle construction with further utilization in cycloarene synthesis. In *Theoretical Background* methods for preparation of [*n*]circulenes and kekulene-like structures are summarized with focus on the final ring-closing steps. In *Results and Discussion* chapter efforts to prepare the selected advanced building block as a starting compound for macrocyle construction whose transformation using [2+2+2] cyclotrimerization as a ring-forming reaction might provide the selected cycloarene are described. Part *Proposed alternatives of synthesis and discussion of further approach* is about future possible development of this study. *Experimental Part* provides practical information about undertaken experiments and characterizations of the prepared compounds.