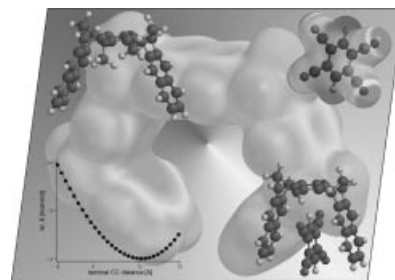


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COVER PICTURE

The cover picture shows the structures of the empty dimethoxy-substituted clip and the host–guest complex between the hydroquinone clip and 1,2,4,5-tetracyanobenzene (TCNB) calculated by force field. The calculations are in good agreement with single-crystal structure analyses. The compression of the naphthalene sidewalls of the clip by 2.2 Å during the complexation, which is necessary to obtain binding arene–arene interactions in the complex, is calculated to be a low-energy process. The complementary nature of the electrostatic potential surface (EPS) of the tetramethylene-bridged naphthalene tweezer and TCNB (calculated by AM1) explains the high selectivity of this class of receptors toward electron-deficient substrates. Details are discussed in the article by F.-G. Klärner et al. on p. 1405 ff. Cover art by Björn Kahlert.



MICROREVIEWS

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Asymmetric Electrophilic α -Amination of Carbonyl Groups

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