

Benzynes-mediated nonconcerted pathway toward synthesis of sterically crowded [5]- and [7]oxahelicoids, stereochemical and theoretical studies, and optical resolution of helicoids

Gawade, Prashant M.; Khose, Vaibhav N.; Badani, Purav M.; **Kaabel, Sandra; Borovkov, Victor** Journal of organic chemistry 2019 / p. 860-868 : ill <https://doi.org/10.1021/acs.joc.8b02507> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chiral heterocycle-based receptors for enantioselective recognition

Khose, Vaibhav N.; John, Marina E.; Pandey, Anita D.; **Borovkov, Victor**; Karnik, Anil V. Chiral Auxiliaries and Chirogenesis 2021 / p. 27-101 <https://doi.org/10.3390/books978-3-0365-1017-0> <https://doi.org/10.3390/sym10020034>

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Directional Approach to Enantiomerically Enriched Functionalized [7]Oxa-helicoids and Groove-Based Selective Cyanide Sensing

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Sterically congested chiral 7,8-dioxa[6]helicene and its dihydro analogues : synthesis, regioselective functionalization, and unexpected domino Prins reaction

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