## **RECENT STUDIES OF (+)-3-CARENE TRANSFORMATIONS WITH THE RETENTION OF THE NATIVE FRAMEWORK**

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Abstract. This review presents last decade and some past especially relevant studies in the field of (+)-3-carene synthetic transformations. The paper discusses exclusively the transformations of (+)-3-carene, proceeding with the retention of the native bicyclic carbon skeleton. The data concerning the features of epoxidation and oxidation reactions of (+)-3-carene, the synthesis of sulphurand selenium-containing derivatives and their use in asymmetric synthesis are given. It also describes methods for producing amino derivatives of (+)-3-carene, substituted heterocycles based on it, reactions for the preparation of aziridines, azido-alcohols and azidoamines, as well as chiral phosphites as bidentate ligands.

Keywords: (+)-3-carene, epoxidation, sulphide, aminoalcohol, azidoalcohol, aziridine.

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