

Synthesis and Biotransformation of Some Halogenated Steroids by the Fungus *Mucor plumbeus*

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Abstract. Preparation of some chloro, bromo and iodo steroids derived from testosterone and epiandrosterone is described. The biotransformation of halogenated products by fungus *mucor plumbeus* are preformed. Introduction of the halogen atom into the steroids moiety severely affected the biotransformation results.

Keyword: *Mucor plumbeus*, biotransformation, steroids, 3-dibromomethylene-5 α -androstan-17-one.