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Search	"Preparation of Testosterone using microbial metabolite of Cholesterol "
$\sim$	"Naghibi F, Tabatabai Yazdi M, Shah Hosseini S "
About this Journal	Abstract:
Online Submission	Natural sterols are potential raw materials for the prepartion of pharmacologically active steroid products. This paper details preparation of testosterone, one of the steroidal hormones, through microbial metabolism of cholesterol followed
Subscription	by chemical reduction. The side chain of cholesterol was selectively cleaved by Mycobacterium smegmatis PTCC 1307,
Contact Us	and then selective reduction of resulting 17-keton group of androst-4-ene-3, 17-dione (AD), the main product of microbial transformation, with sodium borohydride at -10°C gave testosterone in high yeild (90%). Assignment of
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	Keywords:

Mycobacterium smegmatis . Sodium borohydride

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