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Microbial Degradation of Tauropine. An investigation

By Manuel Langer

GRIN Verlag Aug 2016, 2016. Taschenbuch. Book Condition: Neu. 210x148x1 mm. This item is printed on demand - Print on Demand Neuware - Internship Report from the year 2015 in the subject Chemistry - Bio-chemistry, grade: 1.0, University of Constance, language: English, abstract: One interesting aspect is the involvement and the relevance of one sole enzyme in the microbial tauropine degradation pathway: the tauropine dehydrogenase. Therefore three main questions were studied. The first was to verify the action of a tauropine dehydrogenase in microorganisms. The second step was to further characterize this enzyme by its molecular weight and its localization within bacterial cells. In addition, the degradation pathway downstream of the potential tauropine dehydrogenase should be clarified. Therefore, in this study, the metabolism of tauropine in four different model organisms was investigated. As model organisms a Ralstonia strain from fresh water was used and in addition three terrestrial bacterial strains were isolated. 20 pp. Englisch.



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Reviews

This book is definitely not straightforward to get started on studying but extremely exciting to read. It is really simplistic but shocks in the 50 percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

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This publication is amazing. It is definitely basic but shocks in the fifty percent of your publication. You wont feel monotony at anytime of your own time (that's what catalogues are for concerning if you question me).

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