

Title (en)
OXIDATION AND AMINATION OF SECONDARY ALCOHOLS

Title (de)
OXIDATION UND AMINIERUNG VON SEKUNDÄREN ALKOHOLEN

Title (fr)
OXYDATION ET AMINATION D'ALCOOLS SECONDAIRES

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Abstract (en)
[origin: WO2013020839A1] The invention relates to a method comprising the following steps: a) providing a secondary alcohol; b) oxidizing the secondary alcohol by bringing said alcohol into contact with an NAD(P)+-dependent alcohol dehydrogenase; and c) bringing the oxidation product of step a) into contact with a transaminase, wherein the NAD(P)+-dependent alcohol dehydrogenase and/or the transaminase are/is a recombinant or isolated enzyme. The invention further relates to a whole cell catalyst for carrying out the method and to the use of such a whole cell catalyst for oxidizing a secondary alcohol.

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Citation (examination)

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