

Title (en)

PROCESS FOR PREPARING CYCLIC ALPHA-KETO ALCOHOLS FROM CYCLIC ALPHA-KETO ENOLS

Title (de)

VERFAHREN ZUR HERSTELLUNG ZYKLISCHER ALPHA-KETOALKOHOLE AUS ZYKLISCHEN ALPHA-KETOENOLEN

Title (fr)

PROCÉDÉ DE PRÉPARATION D'ALPHA-CÉTO-ALCOOLS CYCLIQUES À PARTIR D'ALPHA-CÉTO-ÉNOLS CYCLIQUES

Publication

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Application

EP 15750310 A 20150731

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Abstract (en)

[origin: WO2016023772A1] The invention relates to a process for preparing a cyclic alpha-keto alcohol, especially a 6-hydroxycyclohexenone of the formula 1a or 1b, from a cyclic alpha-keto enol, especially a 6-hydroxycyclohexadienone of the formula 2a or 2b, using a reducing agent. This reducing agent is selected from hydrogen gas, a secondary alcohol, formic acid and the salts of formic acid or from a mixture of at least two representatives of these classes of compound. The invention further embraces the use of the 6-hydroxycyclohexadienones of the formulae 2a and 2b as intermediates for preparing astaxanthin.

IPC 8 full level

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Citation (search report)

See references of WO 2016023772A1

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