

Title (en)

SYNTHESIS OF OMEGA-AMINO CARBOXYLIC ACIDS AND THEIR ESTERS FROM UNSATURATED FATTY ACID DERIVATIVES

Title (de)

SYNTHESE VON OMEGA-AMINOCARBONSÄUREN UND DEREN ESTERN AUS UNGESÄTTIGTEN FETTSÄUREDÉRIVATEN

Title (fr)

SYNTHÈSE D'ACIDES OMÉGA-AMINOCARBOXYLIQUES ET DE LEURS ESTERS À PARTIR DE DÉRIVÉS D'ACIDES GRAS INSATURÉS

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Application

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Abstract (en)

[origin: WO2011160730A1] The invention relates to a method for producing omega-amino acids or their esters, the method being characterized by the following steps: (a) ozonolysis of unsaturated fatty acids or fatty acid derivatives; (b) reductive amination of the reaction mixture obtained from the reaction with ozone to form omega-amino acid or its esters, the reaction being carried out with a C1 to C5 alcohol in the mixture with at least 0.5 wt% water as solvent relative to the total amount of solvent.

IPC 8 full level

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