

Title (en)
Alpha-amino acids, compositions and process for preparing said compounds.

Title (de)
Alpha-Aminosäuren, Präparate und Verfahren zur Herstellung dieser Verbindungen.

Title (fr)
Alpha-amino-acides, compositions et procédé pour la préparation de ces composés.

Publication
EP 0000035 A1 19781220 (EN)

Application
EP 78100058 A 19780601

Priority
US 80239077 A 19770601

Abstract (en)
alpha -Amino Acids, compositions and process for preparing said compounds alpha -ethynyl- and - alpha -vinyl-3,4-disubstituted pheynylalanines and esters thereof, have been prepared by reaction of methyl 3,4-dihydroxybenzoate with diphenyldichloromethane, reduction of the so obtained methyl 3,4-diphenylmethylenedioxybenzoate to 3,4-diphenylmethylenedioxybenzyl alcohol, and transforming this to the benzylchloride. This 3,4-diphenylmethylenedioxybenzylchloride reacts with 1-trimethylsilyl-N-benzylidene-3-aminoprop-1-yne to form 3-(3,4-diphenylmethylenedioxybenzyl)-1-trimethylsilyl-N-benzylidene-3-aminoprop-1-yne. <??>With methyl chloroformate this compound gives 3-carbomethoxy-3-(3,4-diphenylmethylenedioxybenzyl)-1-trimethylsilyl-N-benzylidene-3-aminoprop-1-yne. <??>The benzylidene-group, the trimethylsilyl-group and the diphenyl-methylene-group are removed, which results in the formation of alpha -ethynyl- 3,4-dihydroxy- phenylalanine. The alpha -vinyl- analog is obtained by hydrogenation of an intermediate. The compounds have a pharmaceutical activity.

IPC 1-7
C07C 101/77; A61K 31/195; A61K 31/215

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
• FR 1850 M 19630610 - MERCK & CO INC [US]
• US 3132176 A 19640505 - BOLLINGER FREDERICK W, et al

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