

OPTICALLY ACTIVE 2-ALKOXYCARBONYL-2-CYCLOALKENE
DERIVATIVES AND A PROCESS FOR PRODUCING THE DERIVATIVES

Abstract

The present invention relates to optically active 2-alkoxycarbonyl-2-cycloalkene derivatives, especially optically active 2-alkoxycarbonyl-2-cycloalkene-1-ols,
5 useful as starting materials of pharmaceuticals, agricultural chemicals and the like, and optically active 2-alkoxycarbonyl-1-acyloxy-2-cycloalkene, and a process for production of these compounds.

Racemic-2-alkoxycarbonyl-1-acyloxy-2-cycloalkene in
10 the presence of lipase is stereoselectively hydrolyzed to obtain the above compounds.

These compounds is useful for production of jasmonate or an intermediate for synthesizing vitamin D₃.

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8-5861030