

Title (en)
METHODS FOR PRODUCING CHIRAL ALDEHYDES

Title (de)
VERFAHREN ZUR HERSTELLUNG CHIRALER ALDEHYDE

Title (fr)
PROCEDE POUR LA PREPARATION D'ALDEHYDES CHIRAUX

Publication
EP 1131274 A2 20010912 (DE)

Application
EP 99968786 A 19991111

Priority
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• EP 9908661 W 19991111

Abstract (en)
[origin: DE19853748A1] Production of chiral aldehyde (I) by enantioselective hydroformylation of a prochiral substrate (II) using as catalyst a complex of a transition metal and a chiral phosphino-phosphite ligand (III) containing fluoroalkyl substituents. Production of chiral aldehyde (I) by enantioselective hydroformylation of a prochiral substrate (II) comprises using a complex of a transition metal and a chiral phosphino-phosphite ligand of formula (III) containing fluoroalkyl substituents as catalyst. R1-R6 = phenyl rings optionally substituted by one or more X; R7-R10 = optionally present phenyl rings, optionally substituted by one or more X X = -(CH2)x(CF2)y-F, or a branched isomer, and is present one or more times on one or more of rings R1-R10; x = 0-5; y = 1-12.

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IPC 8 full level
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