

Title (en)
HIGHLY SELECTIVE ASYMMETRIC HYDROFORMYLATION OF (1S,4R) OR (1R,4S)-2-AZABICYCLO[2.2.1]HEPT-5-EN-3- ONE (+) OR (-)-LACTAM

Title (de)
HOCHSELEKTIVE ASYMMETRISCHE HYDROFORMYLIERUNG AUS (1S,4R)- ODER (1R,4S)-2-AZABICYCLO-[2.2.1]-HEPT-5-EN-3-ON(+)- ODER (-)-LACTAM

Title (fr)
HYDROFORMYLATION ASYMÉTRIQUE EXTRÊMEMENT SÉLECTIVE DE LA (+) OU (-)-LACTAME (1S,4R)- OU (1R,4S)-2-AZABICYCLO[2.2.1]HEPT-5-ÉN-3-ONE

Publication
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Application
EP 11787411 A 20110526

Priority
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Abstract (en)
[origin: WO2011150205A2] Methods of producing the compounds of formula (22) and (23) or enantiomers thereof comprising hydroformylation of compounds of the formula (21) or their enantiomers: using Kelliphite as chiral ligand wherein R is -H or an amine-protecting group.

IPC 8 full level
C07D 471/08 (2006.01); **C07C 269/06** (2006.01); **C07C 271/36** (2006.01); **C07D 209/52** (2006.01)

CPC (source: EP)
C07C 269/06 (2013.01); **C07C 271/36** (2013.01); **C07D 209/52** (2013.01); **C07D 471/08** (2013.01); **Y02P 20/55** (2015.11)

Citation (search report)
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• [A] C.F. PALMER ET AL.: "Rearrangement of 2-azabicyclo[2.2.1]hept-5-en-3-ones. Synthesis of cis-3-aminocyclopentane carboxylic acid derivatives.", JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANS 1, vol. 58, no. 8, 21 April 1992 (1992-04-21), pages 1021 - 1028, XP008165279, ISSN: 0300-922X
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• See references of WO 2011150205A2

Designated contracting state (EPC)
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