

Title (en)
PROCESS FOR PREPARING CYCLIC CHIRAL AMINES AND ALCOHOLS BY INTRAMOLECULAR CATALYTIC ARYLATION OF BORONIC ACID OR ESTER ALDEHYDES AND IMINE SUBSTRATES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON CYCLISCHEN CHIRALEN AMINEN UND ALKOHOLEN DURCH INTRAMOLEKULARE KATALYTISCHE ARYLIERUNG VON BORSÄURE- ODER -ESTERALDEHYDEN UND IMINSUBSTRATEN

Title (fr)
PROCÉDÉ DE PRÉPARATION D'AMINES ET D'ALCOOLS CHIRAUX CYCLIQUES PAR ARYLATION CATALYTIQUE INTRAMOLÉCULAIRE DE SUBSTRATS D'ACIDE BORONIQUE, D'ESTER ALDÉHYDES ET D'IMINE

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Application
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Abstract (en)
[origin: WO2015033261A1] The present application provides a catalytic process which involves the cyclization of a novel catalytic intramolecular arylation process that involves boronic acid or ester aldehydes or imines substrates, of formula (I) and (II), to afford cyclic chiral alcohols or amines, of formula (VI) and (VII), respectively. The present application also describes the preparation of the substrates of formula (I) and (II) from simple commercial raw materials by efficient processes, some of which are catalytic.

IPC 8 full level
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