

Title (en)

ADDITION REACTIONS USING TRANSITION METAL CATALYSTS IN HALOGENATED SOLVENTS

Title (de)

ÜBERGANGSMETALLKATALYSIERTE ADDITIONSREAKTIONEN IN HALOGENIERTEN LÖSUNGSMITTELN

Title (fr)

REACTIONS D'ADDITION CATALYSEES PAR UN METAL DE TRANSITION DANS DES SOLVANTS HALOGENES

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Application

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Abstract (en)

[origin: WO2008046918A2] The present invention relates to a method for reacting compounds, comprising at least one carbon-carbon or carbon-heteroatom double bond, by 1,2-addition in the presence of a catalyst, comprising at least one transition metal complex having at least two ligands, which each have a pnictogen atom-containing group and at least one functional group enable to form intermolecular, non-covalent bonds, in the presence of a halogenated solvent, which has at least one heteroatom different from halogen. The present invention further relates to a method for producing chiral compounds in the presence of the above-described catalysts and solvents, and to the use of these catalysts in the presence of such solvents.

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