methanol, tetrahydrofurane, ethanol, *i*-propanol, toluene, pentan-octane, methyltetrahydrofurane, methyl *tert*-butyl ether, ethyl acetate, water or dioxane.

6. A process according to any one of claims 1 to 5, wherein the reaction of the compound of formula (II) in the presence of hydrogen and a catalyst is done in methanol or tetrahydrofurane.

7. A process according to any one of claims 1 to 6, wherein the reaction of the compound of formula (II) in the presence of hydrogen and a catalyst is done in the presence of a base.

8. A process according to any one of claims 1 to 7, wherein the reaction of the compound of formula (II) in the presence of hydrogen and a catalyst is done at a temperature between 15 and 100 °C.

9. A process according to any one of claims 1 to 8, wherein the reaction of the compound of formula (II) in the presence of hydrogen and a catalyst is done at a pressure of around 10 bar.

10. A process according to any one of claims 2 to 9, wherein the reaction of a compound of formula (III) in the presence of acrylonitrile is done in methanol, ethanol, n-propanol, isopropanol or butanol.

11. A process according to any one of claims 2 to 10, wherein the reaction of a compound of formula (III) in the presence of acrylonitrile is done at a temperature between 15 and 66 °C.

12. A process according to any one of claims 1 to 11, wherein R^1 is methyl.

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