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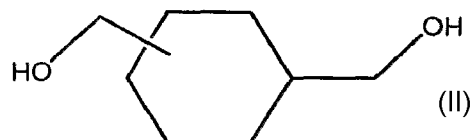
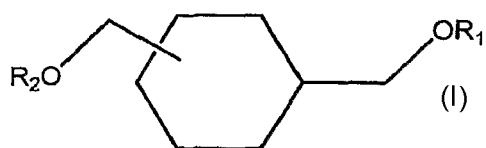
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(54) Title: 1,3/1,4-CYCLOHEXANE DIMETHANOL BASED MONOMERS AND POLYMERS



(57) Abstract: A mixture of compounds useful to make a polymer or a prepolymer, the mixture of compounds including compounds having the formula I; wherein R₁ is H, acryloyl, methacryloyl or vinyl, wherein R₂ is acryloyl, methacryloyl or vinyl, wherein compounds having the formula I consist of a mixture of cis and trans-1,3- and 1,4-substituted cyclohexane and wherein the trans-1,4-substituted cyclohexane content of the compounds having the formula I is less than forty mole percent. A process for producing a mixture of compounds including compounds having the formula II; wherein compounds having the formula II consist of a mixture of cis and trans-1,3- and 1,4-methanol substituted cyclohexane and wherein the trans-1,4-methanol substituted cyclohexane content of the compounds having the formula II is less than twenty five mole percent.