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(54) **CONVERSION OF SCLAREOL TO MANOYL OXIDE UNDER MORDENITE CATALYSIS**

(57) The present invention relates to a method using a novel catalytic system based on the combination of mordenite (drawing 4) with glycol ether, for the preparation of cyclic ethers from tertiary alcohols. This novel catalytic system is applied for the selective one step conversion (drawing 1) of Sclareol (I) (Labd-14-ene-8,13-diol) to Manoyl oxide (II) (8,13-epoxy-labd-14-ene) (drawing 2) in yields higher than 85% (drawing 3). This new

catalytic system is based on the combination of a Mordenite catalyst along with a polar, aprotic, high boiling point solvent that belongs to the glyme type ethers (Dimethoxyethane). The solvent of choice can be diglyme (Diethylene glycol dimethyl ether), Proglyme (Dipropylene glycol dimethyl ether), Tetraglyme (Tetraethylene glycol dimethyl ether).

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