

A process for preparing compounds of the formula I (*See Patent for Chemical Structure*) (I) where: Y inter alia is (*See Patent for Chemical Structure*) where R₃ is hydrogen or a C₁-C₁₀-hydrocarbon radical. R₁ and R₂, inter alia, are each, independently of one another, hydrogen, a C₁-C₂₀-hydrocarbon radical which optionally carries inert substituents or heteroaryl, wherein a compound of the formula II (*See Patent for Chemical Structure*) (II) where Z is (*See Patent for Chemical Structure*) is reacted in the presence of catalytic amounts of a carbonic ester and of a nitrogenous base at from 100 degrees to 250 degrees C under a pressure of from 0.01 to 100 bar.

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**PROCESS FOR THE PREPARATION
OF VINYL ACETATE CATALYST**

Lemanski Michael F; Papparizos Christos; Blum Patricia R; Cirjak Larry M; Pepera Marc A Chester, NY, UNITED STATES assigned to The Standard Oil Company

A process of producing a fluid bed oxacylation catalyst for olefins and diolefins having the following formula Pd-M-A where M=Au, Cd, Bi, Cu, Mn, Fe, Co, Ce, U and mixtures thereof, A=an alkali metal or mixture thereof, and M is present in the range of from 0 to 5 wt %, comprising milling a fixed bed oxacylation catalyst precursor comprising Pd-M on a fixed support with a fluid bed catalyst aqueous binder material to form a uniform aqueous slurry, drying the aqueous slurry to remove the water to form microspheroidal particles of solid fluid bed catalyst precursor, impregnating the microspheroidal particles with a solution of alkali metal salt to form the fluid bed catalyst. The catalyst is particularly useful in the manufacture of vinyl acetate from ethylene, acetic acid and oxygen.

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**PROCESS FOR THE PREPARATION
OF TOCOPHEROL DERIVATIVES
AND CATALYST**

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A process is provided for the preparation of an alpha-tocopherol derivatives which are useful as antisterile vitamins, hypolipidemics, blood flow increasing agents, anti-cytosenility agents, antioxidants and the like. Catalysts are also provided. The alpha-tocopherol derivatives are represented by the following formula (VII): (*See Patent for Chemical Structure*) (VII) wherein n stands for 0 or an integer of from 1 to 5. The derivatives can be industrially prepared by employing as catalyst a metal ion-exchanged montmorillonite, metal ion-exchanged bentonite or metal ion-exchanged saponite which is substituted with one metal ion selected from the group consisting of scandium, yttrium, lanthanide element, aluminium, iron, tin, copper, titanium, zinc, nickel, gallium or zirconium.

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**TETRASULFONATED DIPHOSPHINE
COMPOUNDS AND METAL
COMPLEXES THEREOF FOR
ASYMMETRIC CATALYTIC
REACTIONS**

Lalonde Michel; Schmid Rudolf Basel, SWITZERLAND assigned to Hoffmann-La Roche Inc

The invention is concerned with novel water-soluble racemic or optically active