

Title (en)

COHALOGENATIONS OF SELECTED DOUBLE BONDED COMPOUNDS USING N-HALO-SUCCINIMIDE.

Title (de)

KOHALOGENIERUNG AUSGEWÄHLTER DOPPELBINDUNGSHALTIGER VERBINDUNGEN MIT N-HALOGENSUCCINIMID

Title (fr)

CO-HALOGENATION DE COMPOSES A DOUBLE LIAISON SELECTIONNES UTILISANT N-HALO-SUCCINIMIDE

Publication

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Application

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Abstract (en)

[origin: WO03027133A1] The present invention relates to a method of producing a cohalogenated compound by adding halogen(s) and another group(s) to a multiple bond in an initial compound, the method characterised by the step of reacting the initial compound with a primary reagent in the presence of a catalyst wherein the primary reagent reacts with the multiple bond to produce the cohalogenated compound. In preferred embodiments, the catalyst is hypophosphorous acid, the primary reagent consists of N-halo-succinimide and acetone and the initial compound is organic. This method is particularly applicable for the production of cohalogenated steroids, including lanosterol.

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