

ABSTRACT

METHOD FOR PRODUCING COMPOUND HAVING
ACETYLENIC BOND AND/OR DIENE

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To provide a novel method for producing compound having acetylenic bond and/or diene.

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The method for producing compound having acetylenic bond and/or diene, in which, in the presence of a catalyst of at least one selected from the group consisting of a compound containing a group 1 metallic element, a compound containing a group 2 metallic element, a group 1 metallic element, and a group 2 metallic element, supported on a carrier containing silica, at least one compound selected from the group consisting of ketone compound (I), ketone compound (II), aldehyde compound (III), aldehyde compound (IV) and aldehyde compound (V), are dehydrated.

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(No figure to accompany Abstract)