

METHOD OF PRODUCING ACETYLENE COMPOUND

ABSTRACT

Provided is a method of producing an acetylene compound stably in a favorable selectivity by isomerizing an allene compound at a high conversion, the method capable of stably maintaining the catalytic activity even in the condition that carbon dioxide is present. The method of producing an acetylene compound according to the present invention comprises isomerizing an allene compound in a mixture containing the allene compound and carbon dioxide in the presence of a catalyst in which an alkali metal compound is supported on an alumina support, wherein the catalyst is used in an amount as much as the amount of the alkali metal element contained in the catalyst is 10 molar times or more the number of moles of the carbon dioxide fed per hour.