

ABSTRACT

The purpose of the present invention is to provide a catalyst capable of producing methacrolein and/or methacrylic acid stably over a long period of time while maintaining a high reaction rate of a raw material compound and a high selectivity, and to provide a method for producing methacrolein and/or methacrylic acid. A catalyst molded body satisfying the following Formulae (1) and (2), when a density (g/cm^3) of the catalyst molded body is X, a filling bulk density (g/cm^3) of the catalyst molded body is Y, and a representative length (cm) of the catalyst molded body is Z: $0.700 (\text{g}/\text{cm}^3)^2 \leq (X \times Y) \leq 1.200 (\text{g}/\text{cm}^3)^2$: Formula (1), $0.050 \text{ g}/\text{cm}^2 \leq (X \times Z) \leq 0.130 \text{ g}/\text{cm}^2$: Formula (2).