

[ABSTRACT]

An object of the present invention is to provide a catalyst capable of improving the selectivity of unsaturated aldehydes and unsaturated carboxylic acids. Provided is a catalyst containing at least molybdenum, antimony, bismuth, and iron, in which a ratio of
5 the number of antimony atoms to the number of molybdenum atoms on a catalyst surface is greater than a ratio of the number of antimony atoms to the number of molybdenum atoms in the entire catalyst.

NO FIGURE