

ABSTRACT

METHOD FOR PRODUCING METHIONINE AND/OR 2-HYDROXY-4-(METHYLTHIO)
5 BUTANOIC ACID

An object of the invention is to provide a simple
method for producing methionine and/or 2-hydroxy-4-
(methylthio)butanoic acid at a high yield using 3-
10 (methylthio)propionaldehyde as a raw material. An oxide catalyst
containing cerium, 3-(methylthio)propionaldehyde, a compound
containing cyanide ion, ammonia or a compound containing ammonium
ion, and water are contacted with each other to produce
methionine and/or 2-hydroxy-4-(methylthio)butanoic acid.

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Figure for publication: None