

ABSTRACT**METHOD FOR PRODUCING N-BUTANE DERIVATIVES**

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The present invention relates to a method of synthesizing n-butane derivatives, especially 1-butanol, 1-butanal or 1-butyric acid as well as crotonaldehyde and the reaction products thereof, wherein at first methanol is converted into a C₂ building block, either ethanol or acetaldehyde, and said C₂ building block is then dimerized

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into a C₄ building block.