

ABSTRACT OF THE DISCLOSURE

PROCESS FOR PRODUCING 1, 4-DICYANO-2-BUTENE

The object of the present invention is to provide a process for producing 1,4-dicyano-2-butene in a high yield and in an industrially advantageous way.

The present invention relates to a process for producing 1,4-dicyano-2-butene which comprises reacting a butene derivative represented by the formula [1]



or the formula [2]



wherein each of R_1 and R_3 represents a hydroxy group, lower acyloxy group, lower alkoxy group or cyano group; and each of R_2 and R_4 represents a hydroxy group, lower acyloxy group or lower alkoxy group, with hydrogen cyanide in the presence of a catalyst comprising a product prepared from a cuprous halide, a non-aromatic amine hydrohalide and at least one member selected from the group consisting of Lewis acids and basic compounds.

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