

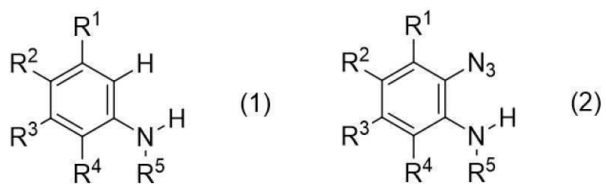
METHOD FOR PRODUCING α -AZIDOANILINE DERIVATIVE OR α,α' -
DIAZIDE DERIVATIVE

ABSTRACT

5 Provided is a method for producing an α -azidoaniline
derivative or an α,α' -diazide derivative using an aniline
derivative as a starting material.

 The present invention includes a method for producing
an α -azidoaniline derivative or an α,α' -diazide derivative
10 represented by Formula (2), including the step of: contacting
an aniline derivative represented by Formula (1) with an
azidating agent in presence of water, a persulfate, and a
copper compound (In Formula (1), R^1 to R^5 are each
independently a hydrogen atom, a halogen atom, a nitro group,
15 a cyano group, a substituted or unsubstituted alkyl group
having 1 to 12 carbon atoms, a substituted or unsubstituted
alkoxy group having 1 to 12 carbon atoms, a substituted or
unsubstituted aralkyl group having 7 to 14 carbon atoms, a
substituted or unsubstituted aryl group having 2 to 13 carbon
20 atoms, a substituted or unsubstituted alkoxy carbonyl group
having 2 to 7 carbon atoms, a substituted or unsubstituted
carbonyl group having 1 to 20 carbon atoms, or optionally
form an aliphatic hydrocarbon ring, an aromatic ring, or a
heterocyclic ring together with an adjacent group. In

Formula (2), R^1 to R^3 , and R^5 have a meaning same as that of R^1 to R^3 , and R^5 in Formula (1), and R^4 is an azido group (N_3) or has a meaning same as that of R^4 in Formula (1)).



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[No Available Figure]