

Title (en)

METHOD FOR PREPARING BENZAMIDE COMPOUND

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER BENZAMIDVERBINDUNG

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UN COMPOSÉ BENZAMIDE

Publication

**EP 4118068 A1 20230118 (EN)**

Application

**EP 21712120 A 20210311**

Priority

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- EP 2021056241 W 20210311

Abstract (en)

[origin: WO2021180874A1] The present invention provides a method for preparing a benzamide compound, and belongs to the technical field of organic synthesis. The method for preparing a benzamide compound provided by the present invention comprises the following steps: mixing aryl-substituted dihydrooxazole, an acidic catalyst, water and a reaction solvent, and subjecting same to a hydrolysis ring-opening reaction to obtain the benzamide compound, wherein the acidic catalyst is a p-toluenesulphonic acid or sulphonic acid ion exchange resin. According to the present invention, a p- toluenesulphonic acid or sulphonic acid ion exchange resin is used as an acidic catalyst, under the catalytic action of the p-toluenesulphonic acid or sulphonic acid ion exchange resin, aryl-substituted dihydrooxazole is subjected to a hydrolysis ring-opening reaction to obtain the benzamide compound, only catalytically metered toluenesulphonic acid or sulphonic acid ion exchange resin is needed, the toluenesulphonic acid or sulphonic acid ion exchange resin is convenient to remove after the completion of the reaction, with very little waste, and industrial production is convenient to achieve.

IPC 8 full level

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