

Title (en)

METHODS FOR THE IDENTIFICATION OF INHIBITORS OF BIOTIN SYNTHASE EXPRESSION OR ACTIVITY IN PLANTS

Title (de)

VERFAHREN ZUR IDENTIFIZIERUNG VON INHIBITOREN DER EXPRESSION ODER AKTIVITÄT VON BIOTIMSYNTHASE IN PFLANZEN

Title (fr)

METHODES PERMETTANT D'IDENTIFIER LES INHIBITEURS DE L'EXPRESSION OU DE L'ACTIVITE DE LA BIOTINE SYNTHASE CHEZ LES PLANTES

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Abstract (en)

[origin: WO02090596A1] The present inventors have discovered that Biotin synthase (BS) is essential for plant growth. Specifically, inhibition of BS gene expression in plant seedlings results in severe chlorosis and reduced growth. Thus, BS can be used as a target for the identification of herbicides. Accordingly, the present invention provides methods for the identification of compounds that inhibit BS expression or activity, and as such, the methods of the invention are useful for the identification of herbicides.

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