

Title (en)
POLYPEPTIDES AND BIOSYNTHETIC PATHWAYS FOR THE PRODUCTION OF STEREOISOMERS OF MONATIN AND THEIR PRECURSORS

Title (de)
POLYPEPTIDE UND BIOSYNTHESEWEGE ZUR HERSTELLUNG VON STEREOISOMEREN VON MONATIN UND DEREN VORLÄUFERN

Title (fr)
POLYPEPTIDES ET VOIES DE SYNTHÈSE BIOLOGIQUE DESTINÉES À PRODUIRE DES STEREOISOMÈRES DE MONATINE ET LEURS PRECURSEURS

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Abstract (en)
[origin: WO2007133184A2] Monatin and certain stereoisomers of monatin, such as R,R monatin and S,R monatin, as well as salts thereof, are produced using polypeptides and biosynthetic pathways. These polypeptides and biosynthetic pathways are also useful in the production of R-2-hydroxy-2-(indolyl-3-ylmethyl)-4-keto glutaric acid, an intermediate that is formed in certain monatin synthesis pathways, including some biosynthetic pathways.

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