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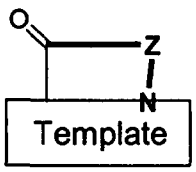
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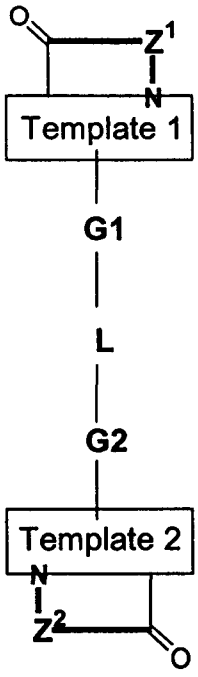
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(54) Title: TEMPLATE-FIXED PEPTIDOMIMETICS WITH ANTIMICROBIAL ACTIVITY



(Ia)



(Ib)

(57) Abstract: Template-fixed β-hairpin peptidomimetics of the general formulae (I) and (II) wherein Z, Z1 and Z2 are template-fixed chains of 8 to 16 α-amino acid residues which, depending on their positions in the chain (counted starting from the N-terminal amino acid) are Gly, or Pro, or of certain types which, as the remaining symbols in the above formulae, are defined in the description and the claims, and salts thereof, have the property to inhibit the growth of or to kill microorganisms and cancer cells. They can be used as disinfectants for foodstuffs, cosmetics, medicaments or other nutrient-containing materials or as medicaments to treat or prevent infections or diseases related to such infections and/or cancer. These β-hairpin peptidomimetics can be manufactured by a process which is based on a mixed solid- and solution phase synthetic strategy.

WO 02/070547 A1

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