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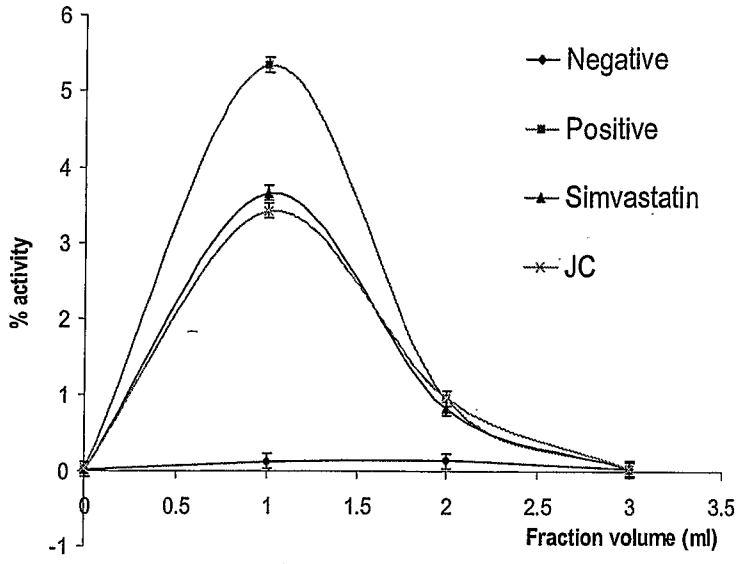
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[Continued on next page]

(54) Title: CHOLESTEROL BIOSYNTHESIS PATHWAY MODULATORS AND USES THEREOF



(57) Abstract: An isolated peptide comprising the amino acid sequence of SEQ ID NO: 2, or a variant, derivative and/or fragment thereof having the function of HMGCoA reductase inhibitor, phosphomevalonate inhibitor, reducing the accumulation of cholesterol in the cholesterol biosynthesis pathway and/or reducing the level of serum cholesterol. Also disclosed is a pharmaceutical composition comprising the peptide having sequence SEQ ID NO:2 or a variant, derivative and/or fragment thereof. Also disclosed is a method for treatment or prophylaxis of disorders characterised by the accumulation of cholesterol, its by-products and/or related lipid derived products, comprising administering to a subject in need at least one peptide comprising the amino acid sequence of SEQ ID NO: 2, or a variant, derivative and/or fragment thereof.

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