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(54) **Title:** METHODS FOR PREPARING INTERNALLY CONSTRAINED PEPTIDES AND PEPTIDOMIMETICS

(57) **Abstract:** The present invention relates to a method for preparing a peptide having a stable, internally constrained alpha-helical, beta-sheet/beta-turn, 3_{10} -helical, or pi-helical region and a method of stabilizing an alpha-helical, beta-sheet/beta-turn, 3_{10} -helical, or pi-helical region within a peptide structure. The resulting peptides and methods of using them are also disclosed.

INTERNATIONAL SEARCH REPORT

International application No.
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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC: A61K 38/00(2006.01)</p> <p>USPC: 514/9 According to International Patent Classification (IPC) or to both national classification and IPC</p>												
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) U.S. : 514/9</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) STN: Structure search</p>												
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X,P</td> <td>CHAPMAN, P.N. et al. A Highly Stable Short alpha-Helix Constrained by a Main-Chain Hydrogen-Bond Surrogate. Journal of the Americal Chemical Society. 2004, Vol. 126, pages 12252-12253, see entire article for structure and method of making.</td> <td>1-30</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X,P	CHAPMAN, P.N. et al. A Highly Stable Short alpha-Helix Constrained by a Main-Chain Hydrogen-Bond Surrogate. Journal of the Americal Chemical Society. 2004, Vol. 126, pages 12252-12253, see entire article for structure and method of making.	1-30				
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<p><input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.</p>												
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