

Title (en)  
COMPOUNDS USEFUL TO MIMIC PEPTIDE BETA-STRANDS

Title (de)  
VERBINDUNGEN, DIE BETA-STRÄNGE VON PEPTIDEN NACHAHMEN

Title (fr)  
COMPOSES SERVANT A IMITER LES BRINS BETA

Publication  
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Application  
**EP 00959312 A 20000823**

Priority

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- US 15269699 P 19990907

Abstract (en)  
[origin: WO0114412A1] The present invention relates generally to new compositions of matter and methods of using such compositions of matter for investigational or therapeutic purposes, and more particularly to compositions that a) mimic beta -strands, b) block beta -sheet dimerization of proteins, c) block protein-protein beta -sheet interactions and/or interact with proteins by beta -sheet formation and as well as d) methods for investigating or designing compounds that mimic beta -strands and/or beta -sheets, e) methods for treating diseases or disorders by administering therapeutically effective amounts of such compounds to human or veterinary patients and f) methods for using a new protecting group (i.e, 2,7-di-*tert*-butylfluorenylmethoxycarbonyl(Fmoc\*)) in peptide syntheses.

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP)  
**C07C 243/38** (2013.01); **C07K 5/0202** (2013.01); **A61K 38/00** (2013.01); **Y02P 20/55** (2015.11)

Citation (search report)

- [A] US 5770773 A 19980623 - NARDI ANTONIO [IT], et al
- [X] NOWICK JS: "Chemical Models of Protein beta-Sheets", ACCOUNTS OF CHEMICAL RESEARCH, vol. 32, 21 January 1999 (1999-01-21), pages 287 - 296, XP002299820
- [PX] NOWICK JS ET AL.: "A Chemical Model of a Protein beta-Sheet Dimer", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 121, 31 August 1999 (1999-08-31), pages 8409 - 8410, XP002299821
- See references of WO 0114412A1

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