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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPOUNDS, COMPOSITIONS AND METHODS FOR TREATMENT AND PROPHYLAXIS OF HEPATITIS C VIRAL INFECTIONS AND ASSOCIATED DISEASES

(57) Abstract: Disclosed are novel benzofuran, naphthalene, benzimidazole, benzothiophene, isoindole, and indole derivatives and analogs thereof, as well as compositions containing the same and, the use thereof for the treatment of prophylaxis of viral infections and diseases associated therewith, particularly those viral infections and associated diseases caused by the hepatitis C virus.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/16867

A. CLASSIFICATION OF SUBJECT MATTER

IPC: C07D 209/18(2006.01),209/44(2006.01),235/06(2006.01),307/85(2006.01),333/70(2006.01);C07C 233/65(2006.01),237/48(2006.01);A61K 31/343(2006.01),31/381(2006.01),31/4035(2006.01)

USPC: 514/394,415,416,443,469;548/309.4,470,510;549/57,467;564/180

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 514/394, 415, 416, 443, 469; 548/309.4, 470, 510; 549/57, 467; 564/180

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- A	WO 94/26738 (ITOHI, et al.), 24 November 1994 (24.11.94), at p. 29, lines 7-11 (compound 3); p. 32, lines 6-17 (compounds 20 and 21); and p. 33, lines 11-16 (compound 26); see also page 12, line 31 to p. 13, line 3 (listing pharmaceutically acceptable salts, including hydrochloride, sulfate, sodium, and potassium salts).	1-8 ----- 9-17
X --- A	US 4,636,456 (TAKAHASHI, et al), 9 January 1987 (13.01.1987), at col. 11, lines 44-54 (compound 37); col. 12, lines 1-14 (compound 39), and col. 12, lines 16-27 (compound 40).	2, 4-17 ----- 1-17
X, P	WO 2004/106328 A1 (ATTARDO, et al.), 9 December 2004 (09.12.2004), at p. 115, line 39 (Compound 39); page 93, line 16, et seq. (antiviral activity); p. 44, col. 2 (2-[5-(3,5-dimethyl-1H-pyrrol-2-ylmethylene)-4-methoxy-5H-pyrrol-2-yl]-indole-1-carboxylic acid dimethylamide).	1-17



Further documents are listed in the continuation of Box C.



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"A" document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed	"&"	document member of the same patent family

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- A	Bergman, J. et al., "The reaction of indole and the indole grignard reagent with phosgene. A facile synthesis of indole-3-carboxylic acid derivatives," J. Het. Chem., Vol. 14(7), p. 1123-1134 (Nov. 1977), at p. 1123, col. 2 (compound 6b); p. 1130, col. 2, lines 28-42 (2,2'-(1-N, N-dimethylcarboxamido-3-methylindolyl)-3-methylindoline-1-N,N-dimethylamino-carboxamide).	1-5 ----- 6-17