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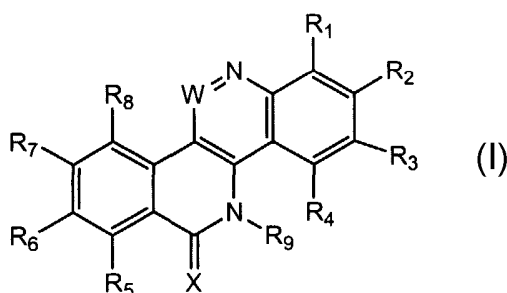
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(54) Title: NITRO AND AMINO SUBSTITUTED DIBENZONAPHTHYRIDINES AS TOPOISOMERASE AGENTS



(57) Abstract: The invention provides compounds of formula 1 : wherein R₁-R₉, W, and X have any of the meanings defined in the specification and their pharmaceutically acceptable salts. The invention also provides pharmaceutical compositions comprising a compound of formula 1, processes for preparing compounds of formula 1, intermediates useful for preparing compounds of formula 1, and therapeutic methods for treating cancer using compounds of formula 1.

INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/4375 A61K31/5025 C07D417/14 A61P35/00

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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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 practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	J. E. KERRIGAN ET. AL.: "5H-8,9-Dimethoxy-5-(2-N,N-dimethylaminoethyl)dibenzo[c,h]naphthyridin-6-ones and related compounds as TOP1-Targeting agents: influence of structure on the ternary cleavable complex formation" BIOOR. MED. CHEM. LETT., vol. 13, no. 20, 20 October 2003 (2003-10-20), pages 3395-3399, XP002269174 figure 3	1-60
P,X	WO 03/041660 A (RUTGERS, THE STATE UNIVERSITY) 22 May 2003 (2003-05-22) claims 1-82 ----- -/--	1-60

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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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.
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Y	WO 99/31067 A (RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY) 24 June 1999 (1999-06-24) claims 1-28 -----	1-60

INTERNATIONAL SEARCH REPORT

Information on patent family members

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