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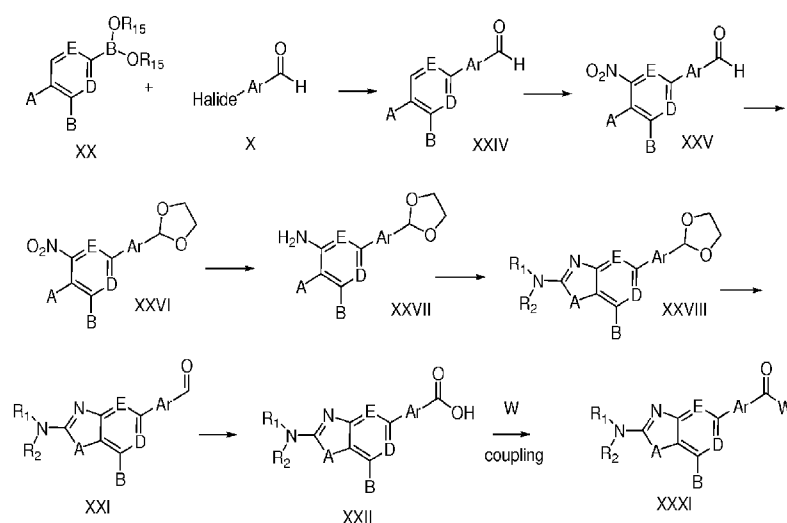
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[Continued on next page]

(54) Title: NOVEL SUBSTITUTED BIARYLHETEROCYCLE DERIVATIVES AS PROTEIN KINASE INHIBITORS FOR THE TREATMENT OF CANCER AND OTHER DISEASES

Figure 7



(57) Abstract: The present invention provides a new patentable class of substituted benzoxazole derivative compounds that exhibit protein kinase (PK) inhibition activity or modulating ability, as well as compositions and methods of using such compounds, for example, to prevent or treat various diseases and disorders in human and non-human animals.

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International application No.

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A. CLASSIFICATION OF SUBJECT MATTER		C07D 413/14 (2006.01) A61K 31/496 (2006.01) A61K 31/5375 (2006.01) A61P 3/10 (2006.01) A61P 7/00 (2006.01) A61P 9/00 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) A61P 43/00 (2006.01)										
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)												
C07D 413/14, 401/14, 403/14, 417/14, 487/04, 471/04, 513/04, 498/04, A61K 31/496, 31/5375, 31/4427, 31/423, 31/424, 31/428, 31/429, 31/496, A61P 3/10, 7/00, 9/00, 17/06, 19/02, 29/00, 35/00, 37/00, 43/00												
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)												
Esp@cenet, RUPTO, USPTO, WIPO, EAPATIS, PatSearch, STN, PAJ												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X A	RU 2262932 C2 (VERTEX FARMACEUTICALS INCORPORATED) 27.10.2005, abstract, pp. 1-3, 44-45, example 10, claims 41-49	1-2, 13, 15, 16 3-12, 14, 17-23										
A	WO 2009/156966 A1 (RANBAXY LABORATORIES LIMITED) 30.12.2009, abstract, pp. 1, 10, compound No. 55, p. 25, formula XXIV, pp. 29, 52 compound No. 55, claims	1-23										
☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.												
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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											
“E” earlier document but published on or after the international filing date	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone											
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