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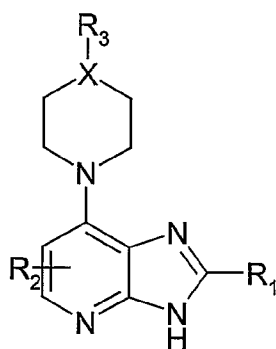
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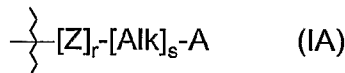
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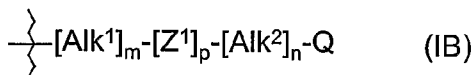
(54) Title: ENZYME INHIBITORS



(I)



(IA)



(IB)

(57) **Abstract:** Compounds of formula (I), are aurora kinase inhibitors: wherein X is -N-, -CH<sub>2</sub>-N-, -CH<sub>2</sub>-CH-, or -CH-; R<sub>1</sub> is a radical of formula (IA) wherein Z is -CH<sub>2</sub>-, -NH-, -O-, -S(O)-, -S-, -S(O)<sub>2</sub> or a divalent monocyclic carbocyclic or heterocyclic radical having 3-7 ring atoms; Alk is an optionally substituted divalent C<sub>1</sub>-C<sub>6</sub> alkylene radical; A is hydrogen or an optionally substituted monocyclic carbocyclic or heterocyclic ring having 5-7 ring atoms; r, s and t are independently 0 or 1, provided that when A is hydrogen then at least one of r and s is 1; R<sub>2</sub> is halogen, -CN, -CF<sub>3</sub>, -OCH<sub>3</sub>, or cyclopropyl; and R<sub>3</sub> is a radical of formula (IB) wherein Q is hydrogen or an optionally substituted phenyl or monocyclic heterocyclic ring with 5 or 6 ring atoms; Z<sup>1</sup> is -S-, -S(O)-, -S(O)<sub>2</sub>-, -O-, -SO<sub>2</sub>NH<sub>2</sub>-, -NHSO<sub>2</sub>-, NHC(=O)NH-, -NH(C=S)NH-, Or -N(R<sub>4</sub>)- wherein R<sub>4</sub> is hydrogen, C<sub>1</sub>-C<sub>3</sub> alkyl, cycloalkyl, or benzyl; and Alk<sup>1</sup> and Alk<sup>2</sup> are, independently, optionally substituted divalent C<sub>1</sub>-C<sub>3</sub> alkylene radicals; and m, n and p are independently 0 or 1.



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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, WPI Data, BEILSTEIN Data, BIOSIS

## C. 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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| A         | WO 2004/016611 A (ASTRAZENECA AB [SE]; JOHANSSON HENRIK [SE]; LAWITZ KAROLINA [SE]; NIKI) 26 February 2004 (2004-02-26)<br>cited in the application<br>page 12, line 29 - page 13, line 2<br>claim 1 | 1-37                  |
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