

Title (en)

REGULATION OF HER2/neu ONCOGENE EXPRESSION BY SYNTHETIC POLYAMIDES

Title (de)

REGULATION DER HER2/neu ONKOGEN EXPRESSION MITTELS SYNTHETISCHER POLYAMIDE

Title (fr)

REGULATION DE L'EXPRESSION D'ONCOGENE HER2/neu A L'AIDE DE POLYAMIDES SYNTHETIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0015242A1] Methods and compositions comprising polyamides capable of binding the minor groove of double-stranded DNA are described for the inhibition or reduction of gene transcription and expression. The polyamides comprise at least four complementary pairs of aromatic carboxamide residues which are selected to specifically contact and/or bind to the nucleotide sequence of a double-stranded DNA target in the promoter region of the target gene. The methods, compositions, and polyamides are disclosed for the inhibition of oncogene transcription and expression as well as the treatment of cancer.

IPC 1-7

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IPC 8 full level

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Citation (search report)

- [XD] WO 9835702 A1 19980820 - CALIFORNIA INST OF TECHN [US], et al
- [AD] WHITE S ET AL: "RECOGNITION OF THE FOUR WATSON-CRICK BASE PAIRS IN THE DNA MINOR GROOVE BY SYNTHETIC LIGANDS", NATURE, MACMILLAN JOURNALS LTD. LONDON, GB, vol. 391, no. 6666, 29 January 1998 (1998-01-29), pages 468 - 471, XP002072062, ISSN: 0028-0836
- See references of WO 0015242A1

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