

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

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Application

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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 or 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.

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