

Title (en)

USE OF POLYCYCLIC AROMATIC COMPOUNDS FOR MAKING MEDICINES CAPABLE OF INHIBITING TELOMERASE

Title (de)

VERWENDUNG VON POLYCYCLISCHEN AROMATISCHEN VERBINDUNGEN ZUR HERSTELLUNG VON ARZNEIMITTELN ALS TELOMERASE INHIBITOREN

Title (fr)

UTILISATION DE COMPOSES AROMATIQUES POLYCYCLIQUES POUR FABRIQUER DES MEDICAMENTS CAPABLES D'INHIBER LA TELOMERASE

Publication

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Application

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Abstract (en)

[origin: WO0210165A1] The invention concerns the use of aromatic compounds capable of binding with G-quadruplex structures to produce medicines with anti-telomerase effect. Said compounds correspond to formula (I) wherein: R1, R2 and R3, identical or different, represent a hydrogen atom, or a -CH2-NH-(CH2)*n*-X group, wherein *n* is an integer from 2 to 4, and X is selected among -NH2-, -N(CH3)2 radicals, a heterocyclic radical such as piperidyl, imidazolyl, morpholinyl radical, or an indole-type condensed heterocyclic radical, -Z represents CH or N, each compound comprising two nitrogen atoms in the Z positions. The invention is useful for producing anticancer medicines.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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