

Title (en)
9H-PYRROLO[2,3-B: 5,4-C']DIPYRIDINE AZACARBOLINE DERIVATIVES, PREPARATION THEREOF, AND THERAPEUTIC USE THEREOF

Title (de)
9H-PYRROLO[2,3-B: 5,4-C']DIPYRIDINAZACARBOLINDERIVATE, DEREN HERSTELLUNG UND DEREN THERAPEUTISCHE VERWENDUNG

Title (fr)
DERIVES D'AZACARBOLINES 9H-PYRROLO[2,3-b:5,4-c']DIPYRIDINE, LEUR PREPARATION ET LEUR UTILISATION THERAPEUTIQUE

Publication
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Application
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Priority

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Abstract (en)
[origin: WO2010109084A2] The invention relates to novel 9H-pyrrolo[2,3-b: 5,4-c'] dipyridine azacarbolines of formula (I), where: Z2, Z3, and Z4 are CH, CRa, CRs, or N; R3 is H, Hal, CF3, CHF2; OH, alkoxy; NH2, NH (alkyl), N(alkyl)2; C(O)O alkyl; CONH(alkyl), CON(alkyl)2; C1-C10 alkyl; aryl; heteroaryl; R6 is heteroaryl; Ra is CONH2, CONH alkyl, CONH cycloalkyl; CONH heterocycloalkyl; CON(alkyl)2; CON(alkyl)(heterocycloalkyl); CONHN(alkyl)2; C(O)heterocycloalkyl; Rs is H; Hal, OH; O-alkyl(C1-C10); NH2; N(alkyl(C1-C10) or cycloalkyl(C3-C7))2; NHC(O)R3a; N(alkyl(C1-C10)C(O)R3a; NHS(O2)R3a; N(alkyl(C1-C10)S(O2)R3a; CO2R3a; SR3a; S(O)R3a; S(O2)R3a; Ra and Rs optionally form a cycle; R3a is selected from among Hal, CF3, C1-C10 alkyl; C3-C7 cycloalkyl; C2-C6 alkenyl; C2-C6 alkynyl; OH; O-alkyl(C1-C10); (C3-C7); heterocycloalkyl (C3-C7); NH2; NH-(alkyl(C1-C10) or cycloalkyl(C3-C7)); N(alkyl(C1-C10) or cycloalkyl(C3-C7))2; NH-(alkyl(C1-C10) or heterocycloalkyl(C3-C7)); N(alkyl(C1-C10) or heterocycloalkyl(C3-C7))2, as well as to the isomers and salts of said substances of formula (I) and to the therapeutic use thereof for treating cancer.

IPC 8 full level
C07D 471/14 (2006.01)

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