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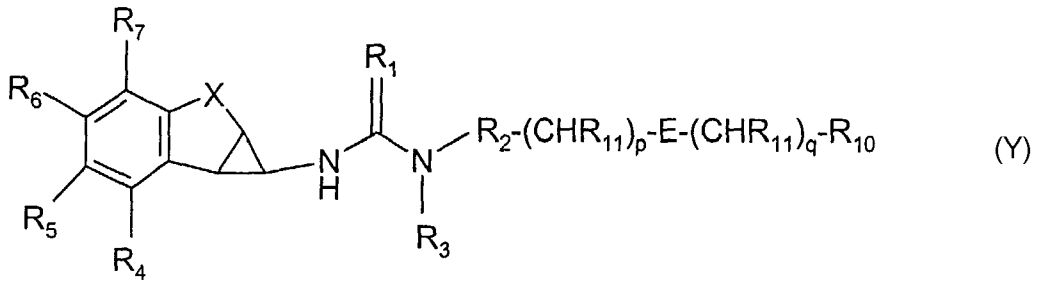
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(54) Title: NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS



(Y)

(57) Abstract: A compound of the formula (Y): where; R_1 is O, S; R_2 is a nitrogen-containing heterocycle; R_3 is H, C_1-C_3 alkyl; X is $-(CR_8R_8')_n$-D-$(CR_8R_8')_m$-; D is a bond, $-NR_9$-, -O-, -S-, -S(=O)- or $-S(=O)_2$-; n and m are independently 0, 1 or 2, R_8 and R_8' are independently H, C_1-C_3 alkyl, haloC_1-C_3alkyl, hydroxy, or R_8 and R_8' together with their adjacent C atom is -C(=O)-; R_9 is independently H, C_1-C_3 alkyl; E is CH_2-, -CHOH-, -C(=O)-, $-NR_9$-, -O-, -S-, $-S(=O)_2$-; n and m are independently 0, 1 or 2; p and q are independently 0, 1 or 2, where $p+q \leq 2$; R_{10} is an optionally substituted carbocycle or heterocycle; R_{11} is independently H, C_1-C_3 alkyl, halo substituted C_1-C_3alkyl, hydroxy; have utility as HIV antivirals.

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