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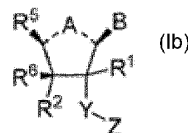
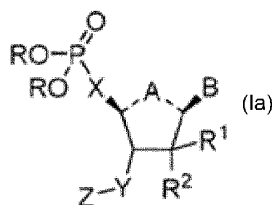
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(54) Title: NOVEL STABILIZED NUCLEOSIDE PHOSPHATES AND ANALOGUES THEREOF



(57) Abstract: The present disclosure includes oligonucleotides and nucleic acid compositions having stabilized phosphate moieties. Formula (Ia) and Formula (Ib), wherein: X is selected from a 3- to 5-membered cycloalkyl, -CHCH-, a 3- to 5-membered heterocycle, and -CH²CH²-.



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