Title: CARBOCYCLIC BICYCLIC NUCLEIC ACID ANALOGS

Abstract: Provided herein are saturated and unsaturated carbocyclic bicyclic nucleosides, oligomeric compounds prepared therefrom and methods of using these oligomeric compounds. The saturated and unsaturated carbocyclic bicyclic nucleosides are useful for enhancing properties of oligomeric compounds including nucleic resistance.
## A. CLASSIFICATION OF SUBJECT MATTER

**INV.** C07H21/00    C07H19/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

**Minimum documentation searched** (classification system followed by classification symbols)

C07H

**Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched**

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
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</table>

* Further documents are listed in the continuation of Box C.

X See patent family annex.

* Special categories of cited documents:
  * "A" document defining the general state of the art which is not considered to be of particular relevance
  * "E" earlier document but published on or after the international filing date
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Date of the actual completion of the international search

19 December 2008

Date of mailing of the international search report

07/01/2009

Name and mailing address of the ISA:

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NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Bardili, Burkhart
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<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
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1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

   a. type of material
      
      [x] a sequence listing
      [ ] table(s) related to the sequence listing

   b. format of material
      
      [x] on paper
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   c. time of filing/furnishing
      
      [x] contained in the international application as filed
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3. Additional comments:
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<th>Patent document cited in search report</th>
<th>Publication date</th>
<th>Patent family member(s)</th>
<th>Publication date</th>
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<td>WO 2008111908 A</td>
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