

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (de-136)

COBOMARSEN

PRONUNCIATION

koe" boe mar" sen

THERAPEUTIC CLAIM

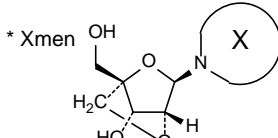
Treatment of hematologic malignancies

CHEMICAL NAMES

1. RNA, (*P*-thio)((2'-*O*,4'-*C*-methylene)m<sup>5</sup>C-dA-(2'-*O*,4'-*C*-methylene)m<sup>5</sup>C-dG-dA-(2'-*O*,4'-*C*-methylene)m<sup>5</sup>U-(2'-*O*,4'-*C*-methylene)m<sup>5</sup>U-dA-(2'-*O*,4'-*C*-methylene)G-dC-(2'-*O*,4'-*C*-methylene)A-(2'-*O*,4'-*C*-methylene)m<sup>5</sup>U-(2'-*O*,4'-*C*-methylene)m<sup>5</sup>U-(2'-*O*,4'-*C*-methylene)A)
2. *all-P-ambo*-5-methyl-2'-*O*,4'-*C*-methylene-*P*-thiocytidylyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-5-methyl-2'-*O*,4'-*C*-methylene-*P*-thiocytidylyl-(3'→5')-2'-deoxy-*P*-thioguanlyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-5-methyl-2'-*O*,4'-*C*-methylene-*P*-thiouridylyl-(3'→5')-5-methyl-2'-*O*,4'-*C*-methylene-*P*-thiouridylyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-2'-*O*,4'-*C*-methylene-*P*-thioguanlyl-(3'→5')-2'-deoxy-*P*-thiocytidylyl-(3'→5')-2'-*O*,4'-*C*-methylene-*P*-thioadenylyl-(3'→5')-5-methyl-2'-*O*,4'-*C*-methylene-*P*-thiouridylyl-(3'→5')-5-methyl-2'-*O*,4'-*C*-methylene-*P*-thiouridylyl-(3'→5')-2'-*O*,4'-*C*-methyleneadenosine

STRUCTURAL FORMULA

(3'-5')-(*P*-thio)[m<sup>5</sup>Cmen-dA-m<sup>5</sup>Cmen-dG-dA-m<sup>5</sup>Umen-m<sup>5</sup>Umen-dA-Gmen-dC-Amen-m<sup>5</sup>Umen-m<sup>5</sup>Umen-Amen]

<p><i>Legend:</i>  d as prefix = 2'-deoxy  m<sup>5</sup> as prefix = 5-methyl  * men as suffix = 2'-<i>O</i>,4'-<i>C</i>-methylene</p>	
--	--

MOLECULAR FORMULA

C<sub>148</sub>H<sub>177</sub>N<sub>52</sub>O<sub>77</sub>P<sub>13</sub>S<sub>13</sub>

MOLECULAR WEIGHT

4736

TRADEMARK

None as yet

SPONSOR

Miragen Therapeutics, Inc.

CODE DESIGNATIONS

MRG-106, M11667

CAS REGISTRY NUMBER

1848257-52-2

UNII  
gbk

3JKW7CI9IU