

November 24, 2015

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (cd-07)

INOTERSEN SODIUM

PRONUNCIATION

in" oh ter' sen

THERAPEUTIC CLAIM

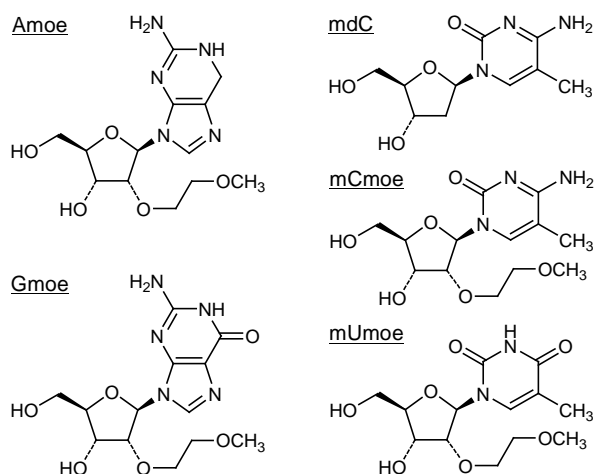
Treatment of transthyretin-mediated amyloidosis

CHEMICAL NAMES

1. DNA, d(*P*-thio)([2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rU-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rC-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rU-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rU-[2'-*O*-(2-methoxyethyl)]rG-G-T-T-A-m<sup>5</sup>C-A-T-G-A-A-[2'-*O*-(2-methoxyethyl)]rA-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rU-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rC-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rC-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rC)
2. 2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiouridylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiouridylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiouridylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-*P*-thioguanilyl-(3'→5')-2'-deoxy-*P*-thioguanilyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-2'-deoxy-*P*-thioadenilyl-(3'→5')-2'-deoxy-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-deoxy-*P*-thioadenilyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-2'-deoxy-*P*-thioguanilyl-(3'→5')-2'-deoxy-*P*-thioadenilyl-(3'→5')-2'-deoxy-*P*-thioadenilyl-(3'→5')-2'-*O*-(2-methoxyethyl)-*P*-thioadenilyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiouridylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methylcytidine, nonadeca sodium salt

## STRUCTURAL FORMULA

$19 \text{ Na}^+ [(3'-5')(P\text{-thio})(\text{mUmoe-mCmoe-mUmoe-mUmoe-Gmoe-dG-dT-dT-dA-mdC-dA-dT-dG-dA-dA-Amoe-mUmoe-mCmoe-mCmoe-mCmoe})]^{19-}$



MOLECULAR FORMULA

 $\text{C}_{230}\text{H}_{299}\text{N}_{69}\text{Na}_{19}\text{O}_{121}\text{P}_{19}\text{S}_{19}$ 

MOLECULAR WEIGHT

7601

TRADEMARK

None as yet

SPONSOR

Isis Pharmaceuticals

CODE DESIGNATIONS

ISIS 420915 salt

CAS REGISTRY NUMBER

1432726-13-0

UNII

950736UC77

gbk