

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-118)

TOMINERSEN

PRONUNCIATION

toe" mi ner' sen

THERAPEUTIC CLAIM

Treatment of Huntington's disease


CHEMICAL NAMES


1. DNA, d([2'-O-(2-methoxyethyl)]m⁵rC-s^p-[2'-O-(2-methoxyethyl)]m⁵rU-[2'-O-(2-methoxyethyl)]m⁵rC-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rG-s^p-T-s^p-A-s^p-A-s^p-m⁵C-s^p-A-s^p-T-s^p-T-s^p-G-s^p-A-s^p-m⁵C-s^p-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]m⁵rC-[2'-O-(2-methoxyethyl)]m⁵rC-[2'-O-(2-methoxyethyl)]rA-s^p-[2'-O-(2-methoxyethyl)]m⁵rC)
2. *all-P-ambo*-2'-O-(2-methoxyethyl)-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-O-(2-methoxyethyl)-5-methyluridylyl-(3'→5')-2'-O-(2-methoxyethyl)-5-methylcytidylyl-(3'→5')-2'-O-(2-methoxyethyl)adenylyl-(3'→5')-2'-O-(2-methoxyethyl)-*P*-thioguanylyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-2'-deoxy-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-2'-deoxy-*P*-thioguanylyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-2'-deoxy-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-O-(2-methoxyethyl)adenylyl-(3'→5')-2'-O-(2-methoxyethyl)-5-methylcytidylyl-(3'→5')-2'-O-(2-methoxyethyl)-5-methylcytidylyl-(3'→5')-2'-O-(2-methoxyethyl)-*P*-thioadenylyl-(3'→5')-2'-O-(2-methoxyethyl)-5-methylcytidine

(3'-5') mC=mU-mC-A-G=d(T=A=A=mC=A=T=T=G=A=mC)=A-mC-mC-A=mC

Legend : A & G = 2'-O-(2-methoxyethyl)nucleotide

mC & mU = 2'-O-(2-methoxyethyl)-5-methylnucleotide

d(A, G & T) = 2'-deoxynucleotide 

d(mC) = 2'-deoxy-5-methylcytidine 

11052.cdx & .bmp

(3'-5') mC=mU-mC-A-G=d(T=A=A=mC=A=T=T=G=A=mC)=A-mC-mC-A=mC

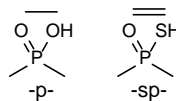
Legend:

A & G = 2'-O-(2-methoxyethyl)nucleotide

mC & mU = 2'-O-(2-methoxyethyl)-5-methylnucleotide

d(A, G & T) = 2'-deoxynucleotide

d(mC) = 2'-deoxy-5-methylcytidine



MOLECULAR FORMULA

C₂₃₀H₃₁₉N₇₄O₁₂₂P₁₉S₁₃

MOLECULAR WEIGHT

7078

TRADEMARK

None as yet

SPONSOR

Genentech

CODE DESIGNATIONS

RG6042

CAS REGISTRY NUMBER

1709886-74-7

UNII

7QI41X9QWC

WHO NUMBER

11052

SCS