

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (FG-172)

PELACARSEN

PRONUNCIATION

pel" a kar' sen

THERAPEUTIC CLAIM

Reduction of Lipoprotein(a)

CHEMICAL NAMES

1. DNA, d([2'-O-(2-methoxyethyl)]m⁵rU-s^p-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]m⁵rC-[2'-O-(2-methoxyethyl)]m⁵rU-[2'-O-(2-methoxyethyl)]m⁵rC-m⁵C-s^p-G-s^p-T-s^p-T-s^p-G-s^p-G-s^p-T-s^p-G-s^p-m⁵C-s^p-T-s^p-[2'-O-(2-methoxyethyl)]m⁵rU-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]m⁵rU-s^p-[2'-O-(2-methoxyethyl)]m⁵rC), 5'-[26-[[2-(acetylamino)-2-deoxy-β-D-galactopyranosyl]oxy]-14,14-bis[[3-[[6-[[2-(acetylamino)-2-deoxy-β-D-galactopyranosyl]oxy]hexyl]amino]-3-oxopropoxy]methyl]-8,12,19-trioxo-16-oxa-7,13,20-triazahexacos-1-yl hydrogen phosphate]
2. *all-P-ambo-5'-O-[[6-[[5-[[tris{3-[6-(2-acetamido-2-deoxy-β-D-galactopyranosyloxy)hexylamino]-3-oxopropoxymethyl}]methyl]amino-5-oxopentanamido]hexoxy]]phospho}-2'-O-(2-methoxyethyl)-5-methyl-P-thiouridylyl-(3'-O→5'-O)-2'-O-(2-methoxyethyl)guanylyl-(3'-O→5'-O)-2'-O-(2-methoxyethyl)-5-methylcytidylyl-(3'-O→5'-O)-2'-O-(2-methoxyethyl)-5-methyluridylyl-(3'-O→5'-O)-2'-O-(2-methoxyethyl)-5-methylcytidylyl-(3'-O→5'-O)-2'-deoxy-5-methyl-P-thiocytidylyl-(3'-O→5'-O)-2'-deoxy-P-thioguanlylyl-(3'-O→5'-O)-P-thiothymidylyl-(3'-O→5'-O)-P-thiothymidylyl-(3'-O→5'-O)-2'-deoxy-P-thioguanlylyl-(3'-O→5'-O)-2'-deoxy-P-thioguanlylyl-(3'-O→5'-O)-P-thiothymidylyl-(3'-O→5'-O)-2'-deoxy-P-thioguanlylyl-(3'-O→5'-O)-2'-deoxy-5-methyl-P-thiocytidylyl-(3'-O→5'-O)-P-thiothymidylyl-(3'-O→5'-O)-2'-O-(2-methoxyethyl)-5-methyluridylyl-(3'-O→5'-O)-2'-O-(2-methoxyethyl)guanylyl-(3'-O→5'-O)-2'-O-(2-methoxyethyl)-5-methyl-P-thiouridylyl-(3'-O→5'-O)-2'-O-(2-methoxyethyl)-5-methyl-P-thiouridylyl-(3'-O→5'-O)-2'-O-(2-methoxyethyl)-5-methylcytidine*

STRUCTURAL FORMULA

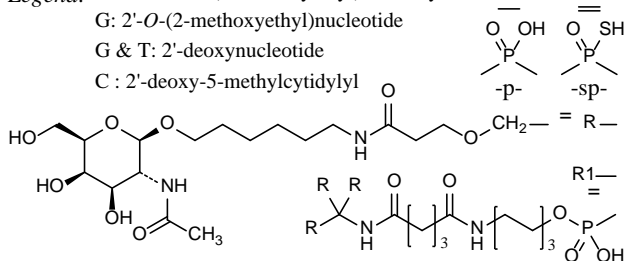
(3'-5') R1-U=G-C-U-C-d(C=G=T=T=G=G=T=G=C=T=)U-G-U=U=C

Legend: C & U : 2'-O-(2-methoxyethyl)-5-methylnucleotide

G : 2'-O-(2-methoxyethyl)nucleotide

G & T : 2'-deoxynucleotide

C : 2'-deoxy-5-methylcytidylyl



MOLECULAR FORMULA	C ₂₉₆ H ₄₃₉ N ₇₁ O ₁₆₃ P ₂₀ S ₁₃
MOLECULAR WEIGHT	8636 Da
TRADEMARK	None as yet
SPONSOR	Akcea Therapeutics
CODE DESIGNATIONS	ISIS 681257; AKCEA-APO(a)-L _{Rx}
<u>CAS</u> REGISTRY NUMBER	1637637-70-7
UNII	LSO9H7UZ90
WHO NUMBER	11187

SCS