

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-29)

OLEZARSEN

PRONUNCIATION

oh" le zar' sen

THERAPEUTIC CLAIM

Treatment of hypertriglyceridemia in patients with cardiovascular disease

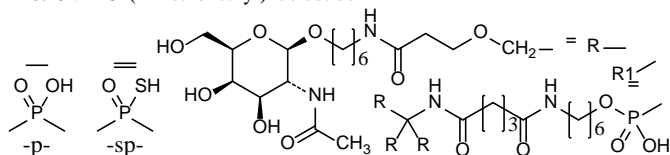
CHEMICAL NAMES

1. DNA, d(*P*-thio)[(2'-*O*-(2-methoxyethyl)]rA-[2'-*O*-(2-methoxyethyl)]rG-[2'-*O*-(2-methoxyethyl)]m⁵rC-[2'-*O*-(2-methoxyethyl)]m⁵rU-[2'-*O*-(2-methoxyethyl)]m⁵rU-m⁵C-T-T-G-T-m⁵C-m⁵C-A-G-m⁵C-[2'-*O*-(2-methoxyethyl)]m⁵rU-[2'-*O*-(2-methoxyethyl)]m⁵rU-[2'-*O*-(2-methoxyethyl)]m⁵rU-[2'-*O*-(2-methoxyethyl)]rA-[2'-*O*-(2-methoxyethyl)]m⁵rU), 5'-[26-[[[2-(acetylamino)-2-deoxy-β-D-galactopyranosyl]oxy]-14,14-bis[[[3-[[[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] (Source: CAS)
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}hexyl)]phospho}-2'-*O*-(2-methoxyethyl)-*P*-thioadenylyl-(3'-*O*→5'-*O*)-2'-*O*-(2-methoxyethyl)-*P*-thioguanlylyl-(3'-*O*→5'-*O*)-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiocytidylyl-(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'-deoxy-5-methyl-*P*-thiocytidylyl-(3'-*O*→5'-*O*)-*P*-thiothymidylyl-(3'-*O*→5'-*O*)-*P*-thiothymidylyl-(3'-*O*→5'-*O*)-2'-deoxy-*P*-thioguanlylyl-(3'-*O*→5'-*O*)-*P*-thiothymidylyl-(3'-*O*→5'-*O*)-2'-deoxy-5-methyl-*P*-thiocytidylyl-(3'-*O*→5'-*O*)-2'-deoxy-5-methyl-*P*-thiocytidylyl-(3'-*O*→5'-*O*)-2'-deoxy-*P*-thioadenylyl-(3'-*O*→5'-*O*)-2'-deoxy-*P*-thioguanlylyl-(3'-*O*→5'-*O*)-2'-deoxy-5-methyl-*P*-thiocytidylyl-(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-methyl-*P*-thiouridylyl-(3'-*O*→5'-*O*)-2'-*O*-(2-methoxyethyl)-*P*-thioadenylyl-(3'-*O*→5'-*O*)-2'-*O*-(2-methoxyethyl)-5-methyluridine

STRUCTURAL FORMULA

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

Legend: A, G & T : 2'-deoxynucleotide C : 2'-deoxy-5-methylcytidylyl
 C & U : 2'-*O*-(2-methoxyethyl)-5-methylnucleotide
 A & G : 2'-*O*-(2-methoxyethyl)nucleotide



MOLECULAR FORMULA	C ₂₉₆ H ₄₃₉ N ₇₁ O ₁₅₄ P ₂₀ S ₁₉
MOLECULAR WEIGHT	8684.86
TRADEMARK	None as yet
SPONSOR	Ionis Pharmaceuticals
CODE DESIGNATIONS	ISIS 678354, AKCEA-APOCIII-L _{Rx} , IONIS-APOCIII-L _{Rx}
<u>CAS</u> REGISTRY NUMBER	2097587-83-0
UNII	S3RS2SA30L
WHO NUMBER	11801

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