

# STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (jk-208)

TONLAMARSEN SODIUM

PRONOUNCIATION

ton" la mar' sen soe' dee um

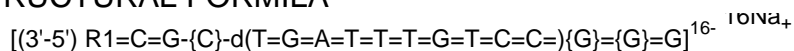
THERAPEUTIC CLAIM

Treatment of hypertension

## CHEMICAL NAMES

1. DNA, d([2'-O-(2-methoxyethyl)]m5rC-sp-[2'-O-(2-methoxyethyl)]rG- (3'→4')-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-α-L-mannofurano]m5C-T-sp-G-sp-A-sp-T-sp-T-sp-T-sp-G-sp-T-sp-m5C-sp-m5C-sp- (3'→4')-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-α-L-mannofurano]G-(3'→4')-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)- α-L-mannofurano]G-sp-[2'-O-(2-methoxyethyl)]rG), 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], sodium salt (1:16) (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)-5-methyl-P-thiocytidylyl-(3'-O→5'-O) -2'-O-(2-methoxyethyl)guanylyl-(3'-O→5'-O) -2'-O,4'-C-[(S)-ethylidene]-5-methylcytidylyl-(3'-O→5'-O) -P-thiothymidylyl-(3'-O→5'-O) -2'-deoxy-P-thioguanlylyl-(3'-O→5'-O) -2'-deoxy-P-thioadenylyl-(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'-O,4'-C-[(S)-ethylidene]guanylyl-(3'-O→5'-O) -2'-O,4'-C-[(S)-ethylidene]-P-thioguanlylyl-(3'-O→5'-O) -2'-O-(2-methoxyethyl)guanosine, hexadecasodium salt*

## STRUCTURAL FORMULA



Legend:

C: 2'-O-(2-methoxyethyl)-5-methylnucleotide

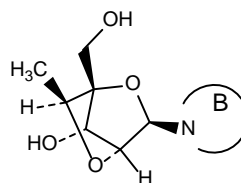
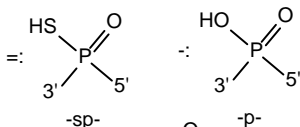
G: 2'-O-(2-methoxyethyl)nucleotide

{G}: X nucleotide

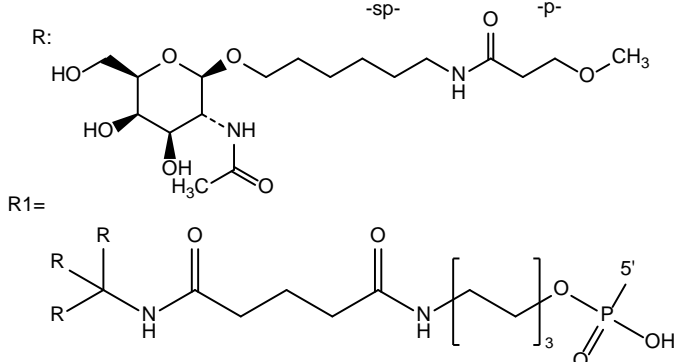
{C}: 5-methyl X nucleotide

A, G, & T: 2-deoxynucleotide

C: 5-methyl-2-deoxynucleotide



B: nucleobase



MOLECULAR FORMULA	$C_{241}H_{333}N_{65}O_{124}P_{16}S_{12}Na_{16}$
MOLECULAR WEIGHT	7372.8
TRADEMARK	None yet
SPONSOR	Ionis Pharmaceuticals, Inc.
CODE DESIGNATION	ION904 (sodiated)
CAS NUMBER	2589926-21-4
UNII	28GMY2R77H

bww