

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (ef-128)

TOFERSEN SODIUM

PRONUNCIATION

toe fer' sen

THERAPEUTIC CLAIM

Treatment of amyotrophic lateral sclerosis

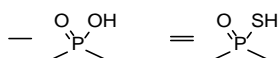
CHEMICAL NAMES

1. DNA, d([2'-O-(2-methoxyethyl)]m<sup>5</sup>rC-s<sup>p</sup>-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rG-s<sup>p</sup>-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]rA-s<sup>p</sup>-T-s<sup>p</sup>-A-s<sup>p</sup>-m<sup>5</sup>C-s<sup>p</sup>-A-s<sup>p</sup>-T-s<sup>p</sup>-T-s<sup>p</sup>-T-s<sup>p</sup>-m<sup>5</sup>C-s<sup>p</sup>-T-s<sup>p</sup>-A-s<sup>p</sup>-[2'-O-(2-methoxyethyl)]m<sup>5</sup>rC-[2'-O-(2-methoxyethyl)]rA-s<sup>p</sup>-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]m<sup>5</sup>rC-s<sup>p</sup>-[2'-O-(2-methoxyethyl)]m<sup>5</sup>rU), sodium salt (1:19)
2. *all-P-ambo-2'-O-(2-methoxyethyl)-5-methyl-P-thiocytidylyl-(3'→5')-2'-O-(2-methoxyethyl)adenylyl-(3'→5')-2'-O-(2-methoxyethyl)-P-thioguanlylyl-(3'→5')-2'-O-(2-methoxyethyl)guanylyl-(3'→5')-2'-O-(2-methoxyethyl)-P-thioadenylyl-(3'→5')-P-thiothymidylyl-(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')-P-thiothymidylyl-(3'→5')-2'-deoxy-5-methyl-P-thiocytidylyl-(3'→5')-P-thiothymidylyl-(3'→5')-2'-deoxy-P-thioadenylyl-(3'→5')-2'-O-(2-methoxyethyl)-5-methylcytidylyl-(3'→5')-2'-O-(2-methoxyethyl)-P-thioadenylyl-(3'→5')-2'-O-(2-methoxyethyl)guanylyl-(3'→5')-2'-O-(2-methoxyethyl)-5-methyl-P-thiocytidylyl-(3'→5')-2'-O-(2-methoxyethyl)-5-methyluridine nonadecasodium salt*

STRUCTURAL FORMULA

$19 \text{ Na}^+ [(3'-5')\text{-mC=A-G=A=d I=dA=dmC=dA=d I=d I=d I=dI=dmC=d I=dA=mC-A=G-mC=mU}]_{19}$ .

Legend : X : 2'-O-(2-methoxyethyl)  
dX : 2'-deoxy  
mX : 5-methyl



MOLECULAR FORMULA

C<sub>230</sub>H<sub>298</sub>N<sub>72</sub>Na<sub>19</sub>O<sub>123</sub>P<sub>19</sub>S<sub>15</sub>

MOLECULAR WEIGHT

7546

TRADEMARK

None as yet

SPONSOR

Biogen Inc.

CODE DESIGNATIONS

BIIB067

CAS REGISTRY NUMBER

1898254-60-8

UNII

5YL205692C

WHO NUMBER

10804

gbk