

June 29, 2016

## STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (de-55) ATESIDORSEN SODIUM

PRONUNCIATION a tes" i dor' sen

THERAPEUTIC CLAIM Treatment of acromegaly

## CHEMICAL NAMES

1. DNA, d(*P*-thio)([2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rU-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rC-[2'-*O*-(2-methoxyethyl)]rA-[2'-*O*-(2-methoxyethyl)]rG-[2'-*O*-(2-methoxyethyl)]rG-G-m<sup>5</sup>C-A-T-T-m<sup>5</sup>C-T-T-T-m<sup>5</sup>C-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rC-[2'-*O*-(2-methoxyethyl)]rA-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rU-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rU-[2'-*O*-(2-methoxyethyl)]m<sup>5</sup>rC), sodium salt (1:19)
2. (*all-P-ambo*)-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiouridylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-*P*-thioadenylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-*P*-thioguanylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-*P*-thioguanylyl-(3'→5')-2'-deoxy-*P*-thioguanylyl-(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-5-methyl-*P*-thiocytidylyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-2'-deoxy-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-*P*-thioadenylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiouridylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiouridylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methylcytidine nonadeca sodium salt

## STRUCTURAL FORMULA

$$19 \text{ Na}^+ [(3'-5')(P\text{-thio})(Tmoe\text{-}mCmoe\text{-}Amoe\text{-}Gmoe\text{-}Gmoe\text{-}dG\text{-}mdC\text{-}dA\text{-}dT\text{-}dT\text{-}mdC\text{-}dT\text{-}dT\text{-}dT\text{-}mdC\text{-}mCmoe\text{-}Amoe\text{-}Tmoe\text{-}Tmoe\text{-}mCmoe)]^{19-}$$

Legend: d (as prefix) = 2'-deoxy  
 m (as prefix) = 5-methyl  
 moe (as suffix) = 2'-*O*-(2-methoxyethyl)

MOLECULAR FORMULA C<sub>230</sub>H<sub>302</sub>N<sub>64</sub>Na<sub>19</sub>O<sub>124</sub>P<sub>19</sub>S<sub>19</sub>

MOLECULAR WEIGHT 7582

TRADEMARK None as yet

SPONSOR Antisense Therapeutics Limited

CODE DESIGNATIONS

COR-004, ATL1103, ISIS 227452

CAS REGISTRY NUMBER

1826859-79-3

UNII

F3H59ON671

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