

December 30, 2014

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (BC-108)

AVACINCAPTAD PEGOL SODIUM

PRONUNCIATION

a'' va sin kap' tad peg' ol

THERAPEUTIC CLAIM

Treatment of Dry-AMD and Wet-AMD

CHEMICAL NAMES

1. Poly(oxy-1,2-ethanediyl), α -hydro- ω -methoxy-, 5'-ether with RNA ((2'-deoxy-2'-fluoro)C-Gm-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)C-G-(2'-deoxy-2'-fluoro)C-Gm-Gm-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)C-Am-Gm-Gm-(2'-deoxy-2'-fluoro)C-G-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)U-Gm-Am-Gm-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)U-Gm-Am-Gm-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-A-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)U-Gm-(2'-deoxy-2'-fluoro)C-Gm-(3'→3')-dT) 5'-[6-[[[(2,3-dihydroxypropoxy)carbonyl]amino]hexyl hydrogen phosphate], sodium salt (2:1:39)
2. $P^{5'}$ -ester of 2'-deoxy-2'-fuoro-5'-O-phosphonocytidylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-deoxy-2'-fuorocytidylyl-(3'→5')-2'-deoxy-2'-fuorocytidylyl-(3'→5')-guanylyl-(3'→5')-2'-deoxy-2'-fuorocytidylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-2'-deoxy-2'-fuorocytidylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-2'-deoxy-2'-fuorocytidylyl-(3'→5')-2'-O-methyladenylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-deoxy-2'-fluorocytidylyl-(3'→5')-guanylyl-(3'→5')-2'-deoxy-2'-fluorocytidylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-O-methyladenylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-2'-deoxy-2'-fuorocytidylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-O-methyladenylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-adenylyl-(3'→5')-2'-deoxy-2'-fuorocytidylyl-(3'→5')-2'-deoxy-2'-fuorocytidylyl-(3'→5')-2'-deoxy-2'-fuorouridylyl-(3'→5')-2'-O-methylguanylyl-(3'→3')-2'-deoxy-2'-fuorocytidylyl-(3'→5')-2'-O-methylguanylyl-(3'→3')-thymidine with 6-[[[(2,3-bis[ω -methoxypoly(oxyethylene)]propoxy)carbonyl]amino]hexan-1-ol, nonatriaconta sodium salt

STRUCTURAL FORMULA

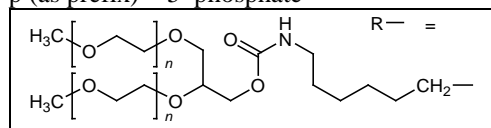
$39 \text{ Na}^+ [(3' \rightarrow 5')\text{-R-pdflC-mG-dflC-dflC-G-dflC-mG-mG-dflU-dflC-dflU-dflC-mA-mG-mG-dflC-G-dflC-dflU-mG-mA-mG-dflU-dflC-dflU-mG-mA-mG-dflU-dflU-dflU-A-dflC-dflC-dflU-mG-dflC-mG3'-3'dT}]^{39-}$

Legend:

dfl = 2'-deoxy-2'-fluoro

m = 2'-O-methyl

p (as prefix) = 5'-phosphate



MOLECULAR FORMULA $C_{395}H_{453}F_{21}N_{142}Na_{39}O_{262}P_{39} (C_2H_4O)_{2n}$

MOLECULAR WEIGHT 53.5 kDa ($n = 450$)

TRADEMARK None as yet

SPONSOR Ophthotech

CODE DESIGNATIONS ARC1905

CAS REGISTRY NUMBER 1491144-00-3

UNII 9NEZ333N27

WHO NUMBER 10099

SCS