## 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

- 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-G-(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-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-(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)U-Gm-(3'-3')-dT) 5'-[6-[[(2,3-dihydroxypropoxy)carbonyl]amino]hexyl hydrogen phosphate], sodium salt (2:1:39)
- 2.  $P^{5'.1}$ -ester of 2'-deoxy-2'-fuoro-5'-O-phosphonocytidylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fuorocytidylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fuorocytidylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fuorocytidylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fluorocytidylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fluorocytidylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fuorocytidylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fuorocytidylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fluorocytidylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fluorocytidylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fluorocytidylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fluorocytidylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fluorocytidylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fluorocytidylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fluorocytidylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-O-methylguanylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'-fluorocytidylyl-(3' $\rightarrow$ 5')-2'-deoxy-2'

## STRUCTURAL FORMULA

39 Na<sup>+</sup> [(3'-5')-R-pdfIC-mG-dfIC-dfIC-G-dfIC-mG-mGdfIU-dfIC-dfIU-dfIC-mA-mG-mG-dfIC-G-dfIC-dfIU-mGmA-mG-dfIU-dfIC-dfIU-mG-mA-mG-dfIU-dfIU-dfIU-AdfIC-dfIC-dfIU-mG-dfIC-mG3'-3'dT]<sup>39-</sup> <u>Legend:</u> dfI = 2'-deoxy-2'-fluoro m = 2'-O-methyl p (as prefix) = 5'-phosphate  $H_{3}C + O + H_{3}C + H_{3}C + O + H_{3}C + H_{3$  AVACINCAPTAD PEGOL SODIUM Page 2 of 2

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 ( <i>n</i> = 450)
TRADEMARK	None as yet
SPONSOR	Ophthotech
CODE DESIGNATIONS	ARC1905
CAS REGISTRY NUMBER	1491144-00-3
UNII	K86ENL12I5

SCS