

May 28, 2014

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (BC-44)

PEGPLERANIB SODIUM

PRONUNCIATION

peg pler' a nib soe' dee um

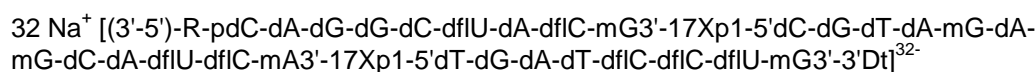
THERAPEUTIC CLAIM

Treatment of age related macular degeneration (AMD)

CHEMICAL NAMES

1. Poly(oxy-1,2-ethanediyl), α -hydro- ω -methoxy-, 5'-ester with DNA d(C-A-G-G-C-(2'-deoxy-2'-fluoro)rU-A-(2'-deoxy-2'-fluoro)rC-rGm(oxyphosphinicoxy-1,2-ethanediyloxy-1,2-ethanediylxy-1,2-ethanediylxy-1,2-ethanediylxy-1,2-ethanediylxy-1,2-ethanediylxy-1,2-ethanediylxyphosphinicoxy)C-G-T-A-rGm-A-rGm-C-A-(2'-deoxy-2'-fluoro)rU-(2'-deoxy-2'-fluoro)rC-rAm(oxyphosphinicoxy-1,2-ethanediylxy-1,2-ethanediylxy-1,2-ethanediylxy-1,2-ethanediylxy-1,2-ethanediylxy-1,2-ethanediylxyphosphinicoxy)T-G-A-T-(2'-deoxy-2'-fluoro)rC-(2'-deoxy-2'-fluoro)rC-(2'-deoxy-2'-fluoro)rU-rGm-(3'→3')-T) 5'-[6-[[2,6-bis(carboxyamino)-1-oxohexyl]amino]hexyl hydrogen phosphate], sodium salt (2:1:32)
2. $P^{5:1}$ -ester of 2'-deoxy-5'-O-phosphonocytidylyl-(3'→5')-2'-deoxyadenylyl-(3'→5')-2'-deoxyguanylyl-(3'→5')-2'-deoxyguanylyl-(3'→5')-2'-deoxycytidylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-2'-deoxyadenylyl-(3'→5')-2'-deoxy-2'-fluorocytidylyl-(3'→5')-2'-O-methylguanylyl-(3'→17)-17-hydroxy-3,6,9,12,15-pentaaxaheptadecyl hydrogen phosphate-(1→5')-2'-deoxycytidylyl-(3'→5')-2'-deoxyguanylyl-(3'→5')-thymidylyl-(3'→5')-2'-deoxyadenylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-deoxyadenylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-deoxycytidylyl-(3'→5')-2'-deoxyadenylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-2'-deoxy-2'-fluorocytidylyl-(3'→5')-2'-O-methyladenylyl-(3'→17)-17-hydroxy-3,6,9,12,15-pentaaxaheptadecyl hydrogen phosphate-(1→5')-thymidylyl-(3'→5')-2'-deoxyguanylyl-(3'→5')-2'-deoxyadenylyl-(3'→5')-thymidylyl-(3'→5')-2'-deoxy-2'-fluorocytidylyl-(3'→5')-2'-deoxy-2'-fluorouridylyl-(3'→5')-2'-O-methylguanylyl-(3'→3')-thymidine with 6-[(2,6-bis{N-[ω -methoxypoly(oxyethylene)carbonyl]}-DL-lysyl)amino]hexan-1-ol, dotriaconta sodium salt

STRUCTURAL FORMULA

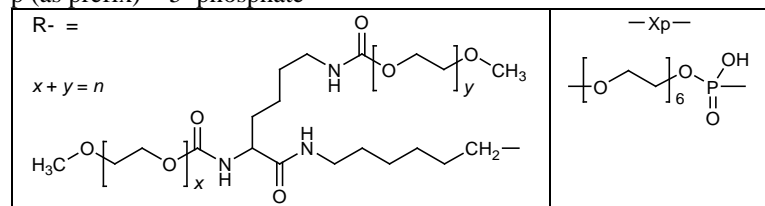


Legend:

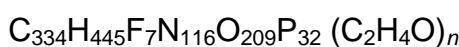
dfI = 2'-deoxy-2'-fluoro

m = 2'-O-methyl

p (as prefix) = 5'-phosphate



MOLECULAR FORMULA



| | |
|----------------------------|------------------------|
| MOLECULAR WEIGHT | 50.2 kDa ($n = 900$) |
| TRADEMARK | Fovista™ |
| SPONSOR | Ophthotech Corporation |
| CODE DESIGNATIONS | X01E; E01AJ; E10030 |
| <u>CAS</u> REGISTRY NUMBER | 1449390-73-1 |
| UNII | DD50D2QKH1 |
| WHO NUMBER | 10044 |

SCS