

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN

RADAVIRSEN

PRONUNCIATION

rad" a vir' sen

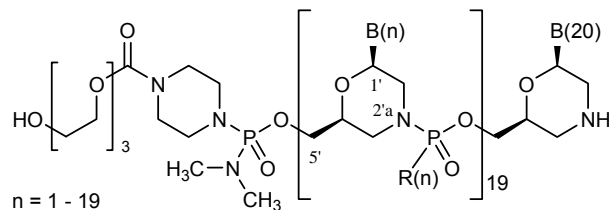
THERAPEUTIC CLAIM

Treatment of seasonal and pandemic influenza

CHEMICAL NAMES


1. RNA, (*P*-deoxy)(2',3'-dideoxy-2',3'-imino-2',3'-seco)(2'a→5')(C-*P*-(dimethylamino)-G-*P*-(dimethylamino)-G-*P*-(dimethylamino)-m⁵U-*P*-(1-piperazinyl)-m⁵U-*P*-(dimethylamino)-A-*P*-(dimethylamino)-G-*P*-(dimethylamino)-A-*P*-(dimethylamino)-A-*P*-(dimethylamino)-G-*P*-(dimethylamino)-A-*P*-(dimethylamino)-C-*P*-(1-piperazinyl)-m⁵U-*P*-(dimethylamino)-C-*P*-(dimethylamino)-A-*P*-(dimethylamino)-m⁵U-*P*-(dimethylamino)-C-*P*-(1-piperazinyl)-m⁵U-*P*-(dimethylamino)-m⁵U-*P*-(dimethylamino)-m⁵U), 5'-[*P*-[4-[[2-[2-(2-hydroxyethoxy)ethoxy]ethoxy]carbonyl]-1-piperazinyl]-*N,N*-dimethylphosphonamidate]
2. *P*,2',3'-trideoxy-*P*-(dimethylamino)-5'-O-{*P*-[4-(10-hydroxy-2,5,8-trioxadecanoyl)piperazin-1-yl]-*N,N*-dimethylphosphonamidoyl]-2',3'-imino-2',3'-secocytidylyl-(2'a→5')-*P*,2',3'-trideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secoguanilyl-(2'a→5')-*P*,2',3'-trideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secoguanilyl-(2'a→5')-*P*,3'-dideoxy-2',3'-imino-*P*-(piperazin-1-yl)-2',3'-secothymidylyl-(2'a→5')-*P*,3'-dideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secothymidylyl-(2'a→5')-*P*,2',3'-trideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secoadenylyl-(2'a→5')-*P*,2',3'-trideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secoguanilyl-(2'a→5')-*P*,2',3'-trideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secoadenylyl-(2'a→5')-*P*,2',3'-trideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secoadenylyl-(2'a→5')-*P*,2',3'-trideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secoguanilyl-(2'a→5')-*P*,2',3'-trideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secoadenylyl-(2'a→5')-*P*,2',3'-trideoxy-2',3'-imino-*P*-(piperazin-1-yl)-2',3'-secocytidylyl-(2'a→5')-*P*,3'-dideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secothymidylyl-(2'a→5')-*P*,2',3'-trideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secocytidylyl-(2'a→5')-*P*,2',3'-trideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secoadenylyl-(2'a→5')-*P*,3'-dideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secothymidylyl-(2'a→5')-*P*,2',3'-trideoxy-2',3'-imino-*P*-(piperazin-1-yl)-2',3'-secocytidylyl-(2'a→5')-*P*,3'-dideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secothymidylyl-(2'a→5')-*P*,3'-dideoxy-*P*-(dimethylamino)-2',3'-imino-2',3'-secothymidylyl-(2'a→5')-3'-deoxy-2',3'-imino-2',3'-secothymidine

STRUCTURAL FORMULA



B(1-20) : C-G-G-T-T-A-G-A-A-G-A-C-T-C-A-T-C-T-T-T

R(1-3) = R(5-11) = R(13-16) = R(18) = R(19) = -N(CH₃)₂

R(4) = R(12) = R(17) = HN  N-

MOLECULAR FORMULA

C₂₅₃H₃₉₈N₁₁₆O₈₇P₂₀

MOLECULAR WEIGHT

7076

TRADEMARK

None as yet

SPONSOR

AVI BioPharma, Inc.

CODE DESIGNATION

AVI-7100

CAS REGISTRY NUMBER

1228284-45-4