

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN CUSTIRSEN SODIUM

PRONUNCIATION kus' tir sen

THERAPEUTIC CLAIM Treatment of cancer

CHEMICAL NAMES

1. DNA, d(*P*-thio)([2'-*O*-(2-methoxyethyl)]m5rC-[2'-*O*-(2-methoxyethyl)]rA-[2'-*O*-(2-methoxyethyl)]rG-[2'-*O*-(2-methoxyethyl)]m5rC-A-G-C-A-G-A-G-T-C-T-T-C-A-[2'-*O*-(2-methoxyethyl)]m5rU-[2'-*O*-(2-methoxyethyl)]m5rC-[2'-*O*-(2-methoxyethyl)]rA-[2'-*O*-(2-methoxyethyl)]m5rU), eicosasodium salt
2. 2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-*P*-thioadenylyl-(3'→5')-2'-*O*-(2-methoxyethyl)-*P*-thioguanilyl-(3'→5')-2'-*O*-(2-methoxyethyl)-5-methyl-*P*-thiocytidylyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-2'-deoxy-*P*-thioguanilyl-(3'→5')-2'-deoxy-*P*-thiocytidylyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-2'-deoxy-*P*-thioguanilyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-2'-deoxy-*P*-thioguanilyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-2'-deoxy-*P*-thiocytidylyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-*P*-thiothymidylyl-(3'→5')-2'-deoxy-*P*-thiocytidylyl-(3'→5')-2'-deoxy-*P*-thioadenylyl-(3'→5')-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)-5-methyl-*P*-thiouridine eicosasodium salt

STRUCTURAL FORMULA

(3'→5')d(*P*-thio)(rC-rA-rG-rC-A-G-C-A-G-A-G-T-C-T-T-C-A-rU-rC-rA-rU)

Sodium salt

Modified nucleosides

A = 2'-*O*-(2-methoxyethyl)adenosine

C = 2'-*O*-(2-methoxyethyl)-5-methylcytidine

G = 2'-*O*-(2-methoxyethyl)guanosine

U = 2'-*O*-(2-methoxyethyl)-5-methyluridine

MOLECULAR FORMULA C<sub>231</sub>H<sub>292</sub>N<sub>78</sub>Na<sub>20</sub>O<sub>119</sub>P<sub>20</sub>S<sub>20</sub>

MOLECULAR WEIGHT 7786

TRADEMARK None as yet

MANUFACTURER OncoGenex Technologies Inc.

CODE DESIGNATION OGX-011, ISIS 112989

CAS REGISTRY NUMBER 685922-56-9