

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (KL-63)

RUGONERSEN

PRONUNCIATION

roo" goe ner' sen

THERAPEUTIC CLAIM

Treatment of Angelmans Syndrome

CHEMICAL NAMES

1. DNA, d(P-thio)((2'-O,4'-C-methylene)m5rU-(2'-O,4'-C-methylene)m5rU-(2'-O,4'-C-methylene)rA-C-(2'-O,4'-C-methylene)rA-C-T-T-A-A-T-T-A-T-A-C-T-(2'-O,4'-C-methylene)m5rU-(2'-O,4'-C-methylene)m5rC-(2'-O,4'-C-methylene)m5rC)(Source: CAS)
2. *all-P-ambo-5-methyl-2'-O,4'-C-methylene-P-thiouridylyl-(3'→5')-5-methyl-2'-O,4'-C-methylene-P-thiouridylyl-(3'→5')-2'-O,4'-C-methylene-P-thioadenylyl-(3'→5')-2'-deoxy-P-thiocytidylyl-(3'→5')-2'-O,4'-C-methylene-P-thioadenylyl-(3'→5')-2'-deoxy-P-thiocytidylyl-(3'→5')-P-thiothymidylyl-(3'→5')-P-thiothymidylyl-(3'→5')-2'-deoxy-P-thioadenylyl-(3'→5')-2'-deoxy-P-thioadenylyl-(3'→5')-P-thiothymidylyl-(3'→5')-P-thiothymidylyl-(3'→5')-2'-deoxy-P-thioadenylyl-(3'→5')-P-thiothymidylyl-(3'→5')-2'-deoxy-P-thioadenylyl-(3'→5')-2'-deoxy-P-thiocytidylyl-(3'→5')-Pthiothymidylyl-(3'→5')-5-methyl-2'-O,4'-C-methylene-P-thiouridylyl-(3'→5')-5-methyl-2'-O,4'-C-methylene-P-thiocytidylyl-(3'→5')-5-methyl-2'-O,4'-C-methylenecytidine (Source : WHO INN list 87)*

STRUCTURAL FORMULA

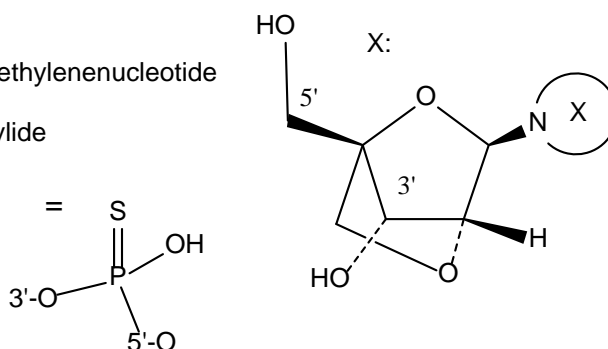
(3'-5') U=U=A=C=A=C=T=T=A=A=T=T=A=T=A=C=T=U=C=C

Legend:

C & U: 5-methyl-2'-O, 4'-C-methylenenucleotide

A: 2'-O, 4'-C-methyleneadenylyde

A, C & T : 2'-deoxyxnuceotide



MOLECULAR FORMULA

C₂₀₄H₂₅₄N₆₃O₁₀₉P₁₉S₁₉

MOLECULAR WEIGHT

6530

TRADEMARKS

None yet

SPONSOR

Genentech, Inc./Hoffmann-La Roche Inc.

CODE DESIGNATIONS	RTR33090, RO7248824-000
CAS REGISTRY NUMBER	2591587-57-2
UNII	F77TA4U3SP
WHO NUMBER	11779

SCS