

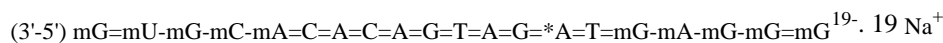
## STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (gh-21)	LEXANERSEN SODIUM
PRONUNCIATION	lex" a ner' sen
THERAPEUTIC CLAIM	Treatment of Huntington's disease

## CHEMICAL NAMES

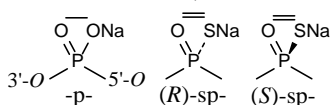
- DNA, d(rGm-[P(S)]-s<sup>p</sup>-rUm-rGm-rCm-rAm-[P(S)]-s<sup>p</sup>-C-[P(S)]-s<sup>p</sup>-A-[P(S)]-s<sup>p</sup>-C-[P(S)]-s<sup>p</sup>-A-[P(S)]-s<sup>p</sup>-G-[P(S)]-s<sup>p</sup>-T-[P(S)]-s<sup>p</sup>-A-[P(S)]-s<sup>p</sup>-G-[P(R)]-s<sup>p</sup>-A-[P(S)]-s<sup>p</sup>-T-[P(S)]-s<sup>p</sup>-rGm-rAm-rGm-rGm-[P(S)]-s<sup>p</sup>-rGm), sodium salt (1:19) (Source: CAS)
- [P(S)]-2'-O-methyl-*P*-thioguanlyl-(3'→5')-2'-O-methyluridylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-O-methylcytidylyl-(3'→5')-[P(S)]-2'-O-methyl-*P*-thioadenylyl-(3'→5')-[P(S)]-2'-deoxy-*P*-thiocytidylyl-(3'→5')-[P(S)]-2'-deoxy-*P*-thioadenylyl-(3'→5')-[P(S)]-2'-deoxy-*P*-thiocytidylyl-(3'→5')-[P(S)]-2'-deoxy-*P*-thioadenylyl-(3'→5')-[P(S)]-2'-deoxy-*P*-thioguanlyl-(3'→5')-[P(S)]-*P*-thiothymidylyl-(3'→5')-[P(S)]-2'-deoxy-*P*-thioadenylyl-(3'→5')-[P(R)]-2'-deoxy-*P*-thioguanlyl-(3'→5')-[P(S)]-2'-deoxy-*P*-thioadenylyl-(3'→5')-[P(S)]-*P*-thiothymidylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-2'-O-methyladenylyl-(3'→5')-2'-O-methylguanylyl-(3'→5')-[P(S)]-2'-O-methyl-*P*-thioguanlyl-(3'→5')-2'-O-methylguanosine sodium salt (1:19) (Source: USAN Program chemical consultant)

## STRUCTURAL FORMULA



Legend: mX : 2'-O-methylnucleotide

X : 2'-deoxynucleotide



MOLECULAR FORMULA	C <sub>206</sub> H <sub>243</sub> N <sub>85</sub> Na <sub>19</sub> O <sub>112</sub> P <sub>19</sub> S <sub>13</sub>
MOLECULAR WEIGHT	7143.8 Da
TRADEMARK	None as yet
SPONSOR	Wave Life Sciences USA
CODE DESIGNATIONS	WV-2603, BMTR5149, WVE-120102
<u>CAS</u> REGISTRY NUMBER	2223673-42-3
UNII	RV6BTB6SX2

bww