STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN PEGINESATIDE ACETATE

PRONUNCIATION peg" in es' a tide

THERAPEUTIC CLAIM Treatment of anemia associated with chronic

kidney disease

CHEMICAL NAMES

1. Poly(oxy-1,2-ethanediyl), α -hydro- ω -methoxy-, diester with $21N^6$, $21'N^6$ -[[(N^2 , N^6 -dicarboxy-L-lysyl- β -alanyl)imino]bis(1-oxo-2,1-ethanediyl)]bis[N-acetylglycylglycyl-L-leucyl-L-tyrosyl-L-alanyl-L-cysteinyl-L-methionylglycyl-L-prolyl-L-isoleucyl-L-threonyl-3-(1-naphthalenyl)-L-alanyl-L-valyl-L-cysteinyl-L-glutaminyl-L-prolyl-L-leucyl-L-arginyl-N-methylglycyl-L-lysinamide] cyclic ($\delta \rightarrow 15$), ($\delta' \rightarrow 15'$)-bis(disulfide), acetate (salt)

2. $N^{6.21}$, $N^{6.21'}$ -{[(N^2 , N^6 -bis{[ω -methoxypoly(oxyethylene)]carbonyl}-L-lysyl- β -alanyl)imino]bis(methylenecarbonyl)}bis[acetylglycylglycyl-L-leucyl-L-tyrosyl-L-alanyl-L-cysteinyl-L-methionylglycyl-L-prolyl-L-isoleucyl-L-threonyl-3-(naphthalen-1-yl)-L-alanyl-L-valyl-L-cysteinyl-L-glutaminyl-L-prolyl-L-leucyl-L-arginyl-N-methylglycyl-L-lysinamide] cyclic (6-15:6'-15')-bisdisulfide acetate (salt)

STRUCTURAL FORMULA

2 H₃C-CO₂H

MOLECULAR FORMULA

 $C_{231}H_{350}N_{62}O_{58}S_{6}[C_{2}H_{4}O]_{n}$. 2 $C_{2}H_{4}O$

MOLECULAR WEIGHT

45 kDa

TRADEMARK None

SPONSOR Affymax, Inc.

CODE DESIGNATION AF37702

CAS REGISTRY NUMBER 1185870-58-9

peginesatide acetate
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