

June 27, 2012

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

USAN (zz-98)

PEGINESATIDE

PRONUNCIATION

peg" in es' a tide

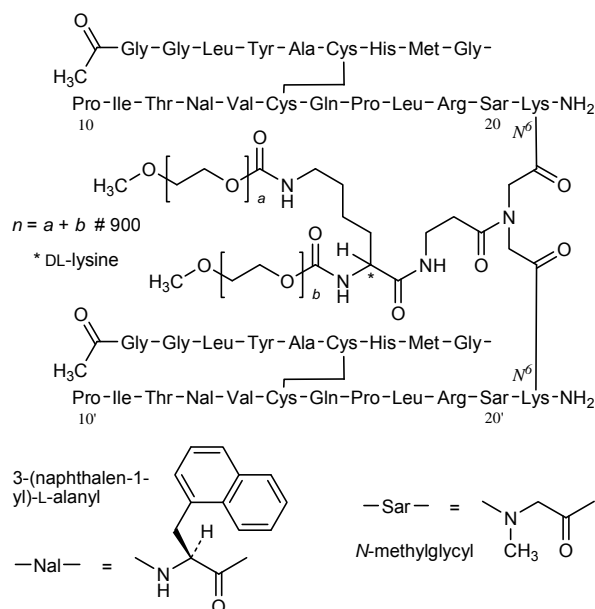
THERAPEUTIC CLAIM

Treatment of anemia associated with chronic kidney disease

## CHEMICAL NAMES

1. Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -methoxy-, diester with  $21^{N^6}, 21^{N^6}$ -[[ $(N^2, N^6$ -dicarboxylseryl- $\beta$ -alanyl)imino]bis(1-oxo-2,1-ethanediyl)]bis[*N*-acetylglycylglycyl-L-leucyl-L-tyrosyl-L-alanyl-L-cysteinyl-L-histidyl-L-methionylglycyl-L-prolyl-L-isoleucyl-L-threonyl-3-(1-naphthalenyl)-L-alanyl-L-valyl-L-cysteinyl-L-glutaminyll-L-prolyl-L-leucyl-L-arginyl-*N*-methylglycyl-L-lysineamide] cyclic (6 $\rightarrow$ 15), (6' $\rightarrow$ 15')-bis(disulfide)
2.  $N^{6,21}, N^{6,21}$ -[[ $(N^2, N^6$ -bis{[ $\omega$ -methoxypoly(oxyethylene)]carbonyl}-DL-lysyl- $\beta$ -alanyl)imino]bis(methylenecarbonyl)]bis[acetylglycylglycyl-L-leucyl-L-tyrosyl-L-alanyl-L-cysteinyl-L-histidyl-L-methionylglycyl-L-prolyl-L-isoleucyl-L-threonyl-3-(naphthalen-1-yl)-L-alanyl-L-valyl-L-cysteinyl-L-glutaminyll-L-prolyl-L-leucyl-L-arginyl-*N*-methylglycyl-L-lysineamide] cyclic (6 $\rightarrow$ 15:6' $\rightarrow$ 15')-bisdisulfide

## STRUCTURAL FORMULA



MOLECULAR FORMULA

 $C_{231}H_{350}N_{62}O_{58}S_6[C_2H_4O]_n$ 

MOLECULAR WEIGHT

45 kDa

TRADEMARK

OMONTYS™

SPONSOR	Affymax, Inc.
CODE DESIGNATION	AF37702
<u>CAS</u> REGISTRY NUMBER	1350810-60-4
WHO NUMBER	9304
HMB	