

May 26, 2016

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (BC-89)

PEGAPAMODUTIDE

PRONUNCIATION

peg" a pa mod' ue tide

THERAPEUTIC CLAIM

Treatment of diabetes and obesity

CHEMICAL NAMES

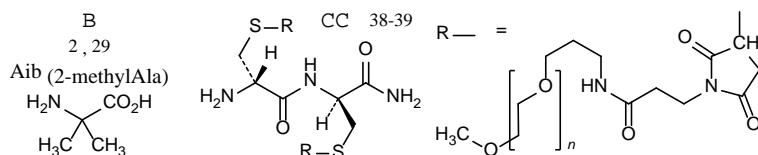
1. Poly(oxy-1,2-ethanediyl), α -hydro- ω -methoxy-, 38,39-diether with L-histidyl-2-methylalanyl-L-glutaminyglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- α -aspartyl-L-tyrosyl-L-seryl-L-lysyl-L-tyrosyl-L-leucyl-L- α -aspartyl-L-seryl-L-lysyl-L-lysyl-L-alanyl-L-glutaminy-L- α -glutamyl-L-phenylalanyl-L-valyl-L-glutaminy-L-tryptophyl-L-leucyl-L-leucyl-L-asparaginy-L-2-methylalanyglycyl-L-arginyl-L-asparaginy-L-arginyl-L-asparaginy-L-asparaginy-L-isoleucyl-L-alanyl-S-[1-[3-[(3-hydroxypropyl)amino]-3-oxopropyl]-2,5-dioxo-3-pyrrolidinyl]-L-cysteinyl-S-[1-[3-[(3-hydroxypropyl)amino]-3-oxopropyl]-2,5-dioxo-3-pyrrolidinyl]-L-cysteinamide
2. S^{3,38}, S^{3,39}-bis{(3RS)-1-[3-[(3-[ω -methoxypoly(oxyethane-1,2-diyl)]propyl)amino]-3-oxopropyl]-2,5-dioxopyrrolidin-3-yl]-[2-Aib(S>2-methylA), 17-Lys(R>K), 18-Lys(R>K), 21-Glu(D>E), 27-Leu(M>L), 29-Aib(T>2-methylA), 30-Gly(K>G)]human oxyntomodulin-(1-37)peptidyl-L-cysteinyl-L-cysteinamide

STRUCTURAL FORMULA

Sequence

HBQGTFTSDY SKYLDSKKAQ EFVQWLLNBG RNRNNIACC 39

Modified residues



MOLECULAR FORMULA

C₂₁₉H₃₃₅N₆₃O₆₇S₂[C₂H₄O]_{2n}

MOLECULAR WEIGHT

45 kDa (n = 450)

TRADEMARK

None as yet

SPONSOR

Lilly

CODE DESIGNATIONS	LY2944876
<u>CAS</u> REGISTRY NUMBER	1492924-65-8
UNII	WG4ID2U7FT
WHO NUMBER	10297
SCS	