

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (EF-81)

TIRZEPATIDE

PRONUNCIATION

tir zep' a tide

THERAPEUTIC CLAIM

Treatment of Type 2 Diabetes

CHEMICAL NAMES

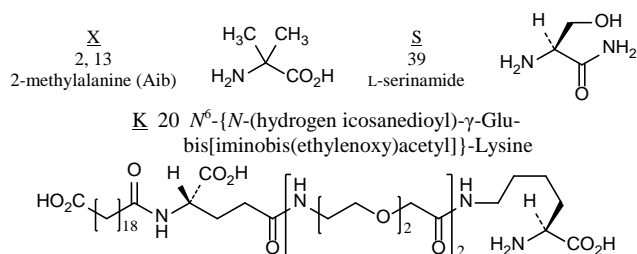
1. L-Serinamide, L-tyrosyl-2-methylalanyl-L- α -glutamylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- α -aspartyl-L-tyrosyl-L-seryl-L-isoleucyl-2-methylalanyl-L-leucyl-L- α -aspartyl-L-lysyl-L-isoleucyl-L-alanyl-L-glutaminy-N⁶-[(22S)-22,42-dicarboxy-1,10,19,24-tetraoxo-3,6,12,15-tetraoxa-9,18,23-triazadotetracont-1-yl]-L-lysyl-L-alanyl-L-phenylalanyl-L-valyl-L-glutaminy-L-tryptophyl-L-leucyl-L-isoleucyl-L-alanylglycylglycyl-L-prolyl-L-seryl-L-serylglycyl-L-alanyl-L-prolyl-L-prolyl-L-prolyl-
2. L-tyrosyl-2-methylalanyl-L- α -glutamylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- α -aspartyl-L-tyrosyl-L-seryl-L-isoleucyl-2-methylalanyl-L-leucyl-L- α -aspartyl-L-lysyl-L-isoleucyl-L-alanyl-L-glutaminy-N⁶-[(22S)-22,42-dicarboxy-1,10,19,24-tetraoxo-3,6,12,15-tetraoxa-9,18,23-triazadotetracontan-1-yl]-L-lysyl-L-alanyl-L-phenylalanyl-L-valyl-L-glutaminy-L-tryptophyl-L-leucyl-L-isoleucyl-L-alanylglycylglycyl-L-prolyl-L-seryl-L-serylglycyl-L-alanyl-L-prolyl-L-prolyl-L-prolyl-L-serinamide

STRUCTURAL FORMULA

Heavy chain

YXEGTFTSDY SIXLDKIAOK AFVQWLIAGG PSSGAPPPS 39

Modified residues



MOLECULAR FORMULA

C₂₂₅H₃₄₈N₄₈O₆₈

MOLECULAR WEIGHT

4.813 kDa

TRADEMARK

None as yet

SPONSOR

Eli Lilly and Company

CODE DESIGNATION	LY3298176
<u>CAS</u> REGISTRY NUMBER	2023788-19-2
UNII	OYN3CCI6QE
WHO NUMBER	10849

SCS