

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (EF-129) COTADUTIDE

PRONUNCIATION koe ta du' tide

THERAPEUTIC CLAIM Treatment of type 2 diabetes

CHEMICAL NAMES

- Glycine, L-histidyl-L-seryl-L-glutaminylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- α -aspartyl- N^6 -[*N*-(1-oxotetradecyl)-L- γ -glutamyl]-L-lysyl-L-seryl-L- α -glutamyl-L-tyrosyl-L-leucyl-L- α -aspartyl-L-seryl-L- α -glutamyl-L-arginyl-L-alanyl-L-arginyl-L- α -aspartyl-L-phenylalanyl-L-valyl-L-alanyl-L-tryptophyl-L-leucyl-L- α -glutamyl-L-alanylglycyl-
- des-phosphono[K¹⁰,E¹²,E¹⁷,R²⁰,A²⁴,E²⁷,A²⁸]glucagonyl-GG:
L-histidyl-L-seryl-L-glutaminylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- α -aspartyl- N^6 -(*N*-hexadecanoyl-L- γ -glutamyl)-L-lysyl-L-seryl-L- α -glutamyl-L-tyrosyl-L-leucyl-L- α -aspartyl-L-seryl-L- α -glutamyl-L-arginyl-L-alanyl-L-arginyl-L- α -aspartyl-L-phenylalanyl-L-valyl-L-alanyl-L-tryptophyl-L-leucyl-L- α -glutamyl-L-alanylglycylglycine

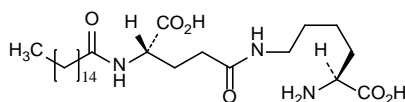
STRUCTURAL FORMULA

Sequence

HSQGTFTSDK SEYLDSEERAR DFVAWLEAGG 30

Modified residue

K (10)
 N^6 -(*N*-palmitoyl- γ -Glu)-Lys



MOLECULAR FORMULA C₁₆₇H₂₅₂N₄₂O₅₅

MOLECULAR WEIGHT 3728 Da

TRADEMARK None as yet

SPONSOR AstraZeneca

CODE DESIGNATION MEDI0382

CAS REGISTRY NUMBER 1686108-82-6

UNII QL6A9B13HW

WHO NUMBER 10888

SCS