

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (EF-48) TOZULERISTIDE

PRONUNCIATION toe" zue ler' is tide

THERAPEUTIC CLAIM Diagnostic imaging agent for detecting cancer

CHEMICAL NAMES

1. L-Arginine, L-methionyl-L-cysteinyl-L-methionyl-L-prolyl-L-cysteinyl-L-phenylalanyl-L-threonyl-L-threonyl-L- α -aspartyl-L-histidyl-L-glutaminyl-L-methionyl-L-alanyl-L-arginyl-L-arginyl-L-cysteinyl-L- α -aspartyl-L- α -aspartyl-L-cysteinyl-L-cysteinylglycylglycyl-L-arginylglycyl-L-arginylglycyl-*N*⁶-[6-[2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2*H*-benz[e]indol-2-ylidene]-1,3,5-heptatrien-1-yl]-1,1-dimethyl-1*H*-benz[e]indolio]-1-oxohexyl]-L-lysyl-L-cysteinyl-L-tyrosylglycyl-L-prolyl-L-glutaminyl-L-cysteinyl-L-leucyl-L-cysteinyl-, inner salt, cyclic (2→19),(5→28),(16→33),(20→35)-tetrakis(disulfide)
2. *N*^{6,27}-[6-(2-{7-[1,1-dimethyl-3-(4-sulfonatobutyl)-1*H*-benzo[e]indol-1-ium-2-yl]hepta-2,4,6-trienylidene}-1,1-dimethyl-1,2-dihydro-3*H*-benzo[e]indol-3-yl)hexanoyl][15-arginine(K>R),23-arginine(K>R)]chlorotoxin (CTX, CITx) *Leiurus quinquestriatus quinquestriatus* (Egyptian scorpion)

STRUCTURAL FORMULA

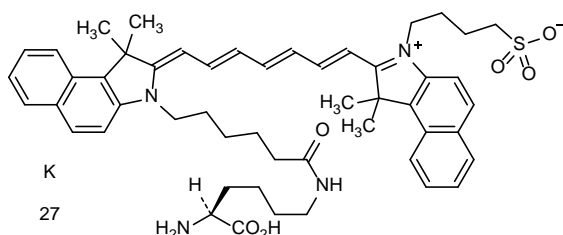
Sequence

MCMPCF⁶TT²⁷TDH QMARRCDDCC GGRGRGK⁶CY²⁷G PQCLCR 36

Disulfide bridges

2-19 5-28 16-33 20-35

Modified residue



MOLECULAR FORMULA C₂₀₃H₂₉₆N₅₈O₅₂S₁₂

MOLECULAR WEIGHT 4766

TRADEMARK None as yet

SPONSOR Blaze Bioscience, Inc.

CODE DESIGNATIONS	BLZ-100
<u>CAS</u> REGISTRY NUMBER	1673565-40-6
UNII	835UH424TU
WHO NUMBER	10307

gbk