

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-245) ZANSECIMAB
 PRONUNCIATION zan sek' i mab
 THERAPEUTIC CLAIM Enhancing endothelial stabilization and prevention of acute respiratory distress syndrome (ARDS) in patients with COVID-19

CHEMICAL NAME

Immunoglobulin G4 [229-proline,235-alanine,236-alanine], anti-(human angiopoietin 2) (human-Mus musculus monoclonal LY3127804 γ 4-chain), disulfide with human-Mus musculus monoclonal LY3127804 κ -chain, dimer

STRUCTURAL FORMULA

Heavy chain
 QVQLVQSGAE VKKPGASVKV SCKASGYSFT DYNMWWVRQA PGQGLEWMGY 50
 IDPYNGGTGY NQKFEGRVTM TTDSTSTAY MELRSLRSDD TAVYVCARTR 100
 DRYDVWYFDV WGQGLTIVTS SASTKGPSVF PLAPCSRSTS ESTAALGCLV 150
 KDYFPEPVTV SWNSGALTSG VHTFPAVLQS SGLYSLSSVV TVPSSSLGTK 200
 TYTCNVDHKP SNTKVDKRVE SKYGPPCPPC PAPEAAGGPS VFLFPPKPKD 250
 TLMISRTPEV TCVVVDVSQE DPEVQFNWYV DGVEVHNAKT KPREEQFNST 300
 YRVVSVLTVL HQDWLNGKEY KCKVSNKGLP SSIEKTISKA KGQPREPVY 350
 TLPQSQEMT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTPPVLD 400
 SDGSFFLYSR LTVDKSRWQE GNVFSCSVMH EALHNHYTQK SLSLSLG 447

Light chain
 DIQMTQSPSS VSASVGDVRT ITCKASQDVY IAVAWYQQKP GKAPKLLIYW 50'
 ASTRDTGVPS RFSGSGSGTD FTLTISSLQP EDFATYYCHQ YSSYPPTFGG 100'
 GTKVEIKRTV AAPSVFIFPP SDEQLKSGTA SVVCLLNNFY PREAKVQWKV 150'
 DNALQSGNSQ ESVTEQDSKD STYLSSTLT LSKADYEKHK VYACEVTHQG 200'
 LSSPVTKSFN RGEK 214'

Disulfide bridges
 22-96 22''-96'' 23-88' 23'''-88''' 134'-194' 134'''-194''' 135-214' 135''-214'''
 148-204 148''-204'' 227-227'' 230-230'' 262-233 262''-322'' 368-426 368''-426''

Glycosylation sites (N)
 298 298''

MOLECULAR FORMULA C₆₄₃₈H₉₈₈₈N₁₇₀₄O₂₀₃₄S₄₈
 MOLECULAR WEIGHT 145.2 kDa
 TRADEMARK None as yet
 SPONSOR Eli Lilly & Co.
 CODE DESIGNATIONS LY3127804
 CAS REGISTRY NUMBER 2415205-37-5

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A67ZN01CAW

WHO NUMBER

11797

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