

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-04) BAMLANIVIMAB
 PRONUNCIATION bam" la niv' i mab
 THERAPEUTIC CLAIM Treatment of SARS-CoV-2 infections (COVID-19)
 CHEMICAL NAME

1. Immunoglobulin G1, anti-(severe acute respiratory syndrome coronavirus 2 spike glycoprotein) (human monoclonal LY3819253 γ 1-chain), disulfide with human monoclonal LY3819253 κ -chain, dimer (Source: CAS)

STRUCTURAL FORMULA

Heavy chain

QVQLVQSGAE	VKKPGSSVKV	SCKASGGTFS	NYAISWVRQA	PGQGLEWMGR	50
IIPILGIANY	AQKFGGRVTI	TADKSTSTAY	MELSSLRSED	TAVYYCARGY	100
YEARHYYYYY	AMDVWGQGT	VTVSSASTKG	PSVFPLAPSS	KSTSGGTAAL	150
GCLVKDYFPE	PVTVSWNSGA	LTSGVHTFPA	VLQSSGLYSL	SSVVTVPSSS	200
LGTQTYICNV	NHKPSNTKVD	KRVEPKSCDK	THTCPPCPAP	ELLGGPSVFL	250
FPPKPKDTLM	ISRTPEVTCV	VVDVSHEDPE	VKFNWYVDGV	EVHNAKTKPR	300
EEQYNSTYRV	VSVLTVLHQD	WLNKEYKCK	VSNKALPAPI	EKTISKAKGQ	350
PREPQVYTL	PSREEMTKNQ	VSLTCLVKGF	YPSDIAVEWE	SNGQPENNYK	400
TTPPVLDSDG	SFFFLYSKLT	DKSRWQQGNV	FSCSVMEAL	HNHYTQKSLS	450
LSPGK					455

Light chain

DIQMTQSPSS	LSASVGDRV	ITCRASQSI	SYLSWYQQK	GKAPKLLIYA	50'
ASSLQSGVPS	RFSGSGSGT	FTLTITSLQ	EDFATYYCQ	SYSTPRTFGQ	100'
GTKVEIKRTV	AAPSVFIFPP	SDEQLKSGT	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSK	STYLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges

22''-96	22''-96	23'-88'	23'''-88'''	134'-194'	134'''-194'''	152-208	152''-208''
228-214'	228''-214'''	234-234''	237-237''	269-329	269''-329''	375-433	375''-433''

Glycosylation sites (N)

305 305''

MOLECULAR FORMULA $C_{6498}H_{10068}N_{1732}O_{2032}S_{46}$
 MOLECULAR WEIGHT 146.3 kDa
 TRADEMARK None as yet
 SPONSOR Eli Lilly and Company
 CODE DESIGNATIONS LY3819253, LY-CoV555
 CAS REGISTRY NUMBER 2423943-37-5

UNII

45I6OFJ8QH

WHO NUMBER

11876

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