

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (FG-197) SASANLIMAB

PRONUNCIATION sa san li mab

THERAPEUTIC CLAIM Antineoplastic

CHEMICAL NAMES

1. Immunoglobulin G4, anti-(human programmed cell death protein 1) (human monoclonal PF-06801591 γ 4-chain), disulfide with human monoclonal PF-06801591 κ -chain, dimer
2. Immunoglobulin G4-kappa, anti-(*Homo sapiens* Programmed cell death protein 1 (Protein PD-1, CD279 antigen)); humanized monoclonal antibody; γ 4 heavy chain (1-444) [Humanized VH (*Homo sapiens*IGHV1-46*01 (85%) – (IGHD)-IGHJ4*01 (93%)) [8.8.10] (1-117) -*Homo sapiens*IGHG4*01 {hinge S¹⁰>P(225)} (118-444)] (131-220')-disulfide with κ light chain (1'-220') [Humanized V-KAPPA (*Homo sapiens*IGKV4-1*01 (87%) –IGKJ4*01)[12.3.9] (1'-113') -*Homo sapiens*IGKC*01 (114'-220')], dimer (223-223":226-226")-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

QVQLVQSGAE	VKKPGASVKV	SCKASGYTFT	SYWINWVRQA	PGQGLEWMGN	50
IYPGSSLTNY	NEKFKNRVTM	TRDTSTSTVY	MELSSLRSED	TAVYYCARLS	100
TGTFAYWGQG	TLVTVSSAST	KGPSVFPPLAP	CSRSTSESTA	ALGCLVKDYF	150
PEPVTVSWNS	GALTSGVHTF	PAVLQSSGLY	SLSSVVTVPS	SSLGTKTYTC	200
NVDHKPSNTK	VDKRVESKYG	PPCPPCPAPE	FLGGPSVFLF	PPKPKDTLMI	250
SRTPEVTCVV	VDVSQEDPEV	QFNWYVDGVE	VHNAKTKPRE	EQFNSTYRVV	300
SVLTVLHQDW	LNGKEYCKKV	SNKGLPSSIE	KTISKAKGQP	REPQVYTLPP	350
SQEEMTKNQV	SLTCLVKGFY	PSDIAVEWES	NGQPENNYKT	TPPVLDSDGS	400
FFLYSRLTVD	KSRWQEGNVF	SCSVMHEALH	NHYTQKLSLS	SLGK	444

Light chain

DIVMTQSPDS	LAVSLGERAT	INCKSSQSLW	DSGNQKNFLT	WYQQKPGQPP	50'
KLLIYWTSYR	ESGVPDRFSG	SGSGTDFTLT	ISSLAEDVA	VYVCQNDYFY	100'
PHTFGGGTKV	EIKRTVAAPS	VFIFPPSDEQ	LKSGTASVVC	LLNLFYPREA	150'
KVQWKVDNAL	QSGNSQESVT	EQDSKDSYTS	LSSTLTLSKA	DYEEKHKVYAC	200'
EVTHQGLSSP	VTKSFNRGEC				220'

Disulfide bridges location

22-96	22"-96"	23'-94'	23'''-94'''	131-220'	131"-220"	140'-200'	140'''-200'''
144-200	144"-200"	223-223"	226-226"	258-318	258"-318"	364-422	364"-422"

Glycosylation sites (N)

Asn-294 Asn-294"

MOLECULAR FORMULA C₆₅₀₈H₁₀₀₀₀N₁₇₁₆O₂₀₄₄S₄₆

MOLECULAR WEIGHT 146.5 kDa (non-glycosylated)

TRADEMARK None as yet

SPONSOR	Pfizer Inc.
CODE DESIGNATIONS	RN-888, PF-06801591
<u>CAS</u> REGISTRY NUMBER	2206792-50-7
UNII	LZZ0IC2EWP
WHO NUMBER	11161

gbk