

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (FG-79) IVUXOLIMAB

PRONUNCIATION eye" vux oh' li mab

THERAPEUTIC CLAIM Antineoplastic

CHEMICAL NAMES

1. Immunoglobulin G2, anti-(human CD134 antigen) (human monoclonal PF-04518600 γ 2-chain), disulfide with human monoclonal PF-04518600 κ -chain, dimer
2. Immunoglobulin G2-kappa, anti-(*Homo sapiens* Tumor necrosis factor receptor superfamily member 4 (CD134 antigen)); human monoclonal antibody; γ 2 heavy chain (1-444) [*Homo sapiens* VH (IGHV3-48*02 (99%) – (IGHD)-IGHJ4*01) [8.8.11] (1-118) -*Homo sapiens* IGHG2*01 (119-444)] (132-214')-disulfide with κ light chain (1'-214') [*Homo sapiens* V-KAPPA (IGKV1D-16*01-IGKJ4*01)[6.3.9] (1'-108') -*Homo sapiens* IGKC*01 (109'-214')], dimer (220-220":221-221":224-224":227-227")-tetrakisdisulfide

STRUCTURAL FORMULA

Heavy chain

EVQLVESGGG	LVQPPGSLRL	SCAASGFTFS	YSMNVWRQA	PGKLEWVSY	50
ISSSSSTIDY	ADSVKGRFTI	SRDNAKNSLY	LQMNLRDED	TAVYYCARES	100
GWYLFDYWGQ	GTLVTVSSAS	TKGPSVFPLA	PCSRSTSEST	AALGCLVKDY	150
FPEPVTVSWN	SGALTSGVHT	FPAVLQSSGL	YSLSSVVTVP	SSNFGTQTYT	200
CNVDHKPSNT	KVDKTVKRC	CVECPPCPAP	PVAGPSVFLF	PPKPKDTLMI	250
SRTPEVTCVV	VDVSHEDPEV	QFNWYVDGVE	VHNAKTKPRE	EQFNSTFRVV	300
SVLTVVHQDW	LNGKEYKCKV	SNKGLPAPIE	KTISKTKGQP	REPQVYTLPP	350
SREEMTKNQV	SLTCLVKGFY	PSDIAVEWES	NGQPENNYKT	TPPMLDSDGS	400
FFLYSKLTVD	KSRWQQGNVF	SCSVMEALH	NHYTQKLSL	SPGK	444

Light chain

DIQMTQSPSS	LSASVGDRVT	ITCRASQGIS	SWLAWYQQKP	EKAPKSLIYA	50'
ASSLQSGVPS	RFGSGSGTD	FLLTISSLQP	EDFATYYCQQ	YNSYPPTFGG	100'
GTKVEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYSLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges

22-96	22"-96"	23'-88'	23"-88"	132-214'	132"-214"
134'-194'	134"-194"	145-201	145"-201"	220-220"	221-221"
224-224"	227-227"	258-318	258"-318"	364-422	364"-422"

Glycosylation sites (N)

Asn-294 Asn-294"

MOLECULAR FORMULA $C_{6484}H_{9974}N_{1698}O_{2094}S_{50}$

MOLECULAR WEIGHT 146.8 kDa

TRADEMARK None as yet

SPONSOR Pfizer Inc.

CODE DESIGNATIONS	PF-04518600
<u>CAS</u> REGISTRY NUMBER	2128729-41-7
UNII	APS3IS9D6W
WHO NUMBER	11055

gbk