

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (ZZ-111) VANTICTUMAB

PRONUNCIATION van tik' tue mab

THERAPEUTIC CLAIM Treatment of cancer

CHEMICAL NAMES

1. Immunoglobulin G2, anti-(Frizzled receptor Frizzled-1/Frizzled-2/Frizzled-5/Frizzled-7/Frizzled-8) (human OMP-18R5 heavy chain), disulfide with human OMP-18R5 light chain, dimer
2. Immunoglobulin G2, anti-(human Frizzled receptors hFz1, hFz2, hFz5, hFz7 and hFz8); human OMP-18R5 des-444-lysine- γ 2 heavy chain (132-212')-disulfide with human OMP-18R5 λ light chain dimer(220-220":221-221":224-224":227-227")-tetrakisdisulfide

STRUCTURAL FORMULA

Heavy chain

EVQLVESGGG	LVQPGGSLRL	SCAASGFTFS	HYTLSWVRQA	PGKGLEWVSV	50
ISGDGSYTTY	ADSVKGRFTI	SSDNSKNTLY	LQMNSLRAED	TAVYYCARNF	100
IKYVFNWQ	GTLVTVSSAS	TKGPSVFPLA	PCSRSTSEST	AALGCLVKDY	150
FPEPVTVSWN	SGALTSQVHT	FPAVLQSSGL	YSLSSVVTVP	SSNFGTQTYT	200
CNVDHKPSNT	KVDKTVKRC	CVECPPCPAP	PVAGPSVFLF	PPKPKDTLMI	250
SRTPVTCVV	VDVSHEDPEV	QFNWYVDGVE	VHNAKTKPRE	EQFNSTFRVV	300
SVLTVVHQDW	LNGKEYKCKV	SNKGLPAPIE	KTISKTKGQP	REPQVYTLPP	350
SREEMTKNQV	SLTCLVKGFY	PSDIAVEWES	NGQPENNYKT	TPPMLDSDGS	400
FFLYSKLTVD	KSRWQQGNVF	SCSVMHEALH	NHYTKSLSL	SPG	443

Light chain

DIELTQPPSV	SVAPGQTARI	SCSGDNIGSF	YVHWYQQKPG	QAPVLVIYDK	50'
SNRPSGIPER	FSGSNSGNTA	TLTISGTQAE	DEADYQCQSY	ANTLSLVFGG	100'
GTKLTVLGQP	KAAPSVTLFP	PSSEELQANK	ATLVCLISDF	YPGAVTVAWK	150'
ADSSPVKAGV	ETTTTPSKQSN	NKYAASSYLS	LTPEQWKSHR	SYSQVTHEG	200'
STVEKTVAPT	ECS				213'

Disulfide bridges

22-96	22'-87'	22"-96"	22'"-87'"	132-212'	132"-212'"
135'-194'	135'"-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 $C_{6322}H_{9722}N_{1674}O_{1988}S_{46}$

MOLECULAR WEIGHT 142.5 kDa (peptide)

TRADEMARK None as yet

SPONSOR OncoMed Pharmaceuticals Inc.

CODE DESIGNATIONS OMP-18R5

CAS REGISTRY NUMBER 1345009-45-1

WHO NUMBER 9779

gbk