

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-219) OCIPERLIMAB
 PRONUNCIATION oh" si per' li mab
 THERAPEUTIC CLAIM Treatment of cancer

CHEMICAL NAMES

1. Immunoglobulin G1, anti-(human receptor TIGIT) (human-Mus musculus monoclonal BGB-A1217 γ 1-chain), disulfide with human-Mus musculus monoclonal BGB-A1217 κ -chain, dimer (Source : CAS)
2. Immunoglobulin G1-kappa, anti-[*Homo sapiens* TIGIT (T-cell immunoreceptor with Ig domain and ITIM, V-set Ig member 9, VSIG9, V-set and transmembrane member 3, VSTM3)], humanized monoclonal antibody; gamma1 heavy chain humanized (1-449) [VH (*Homo sapiens*IGHV3-66*01 (88.8%) -(IGHD) -IGHJ4*01 (100%)) CDR-IMGT [8.8.12] (26-33.51-58.97-108) (1-119) -*Homo sapiens*IGHG1*01 nG1m1, G1m17 (CH1 K120 (216) (120-217), hinge 1-15 (218-232), CH2 (233-342), CH3 E12 (358), M14 (360) (343-447), CHS (448-449)) (120-449)], (222-214')-disulfide with kappa light chain humanized (1'-214') [V-KAPPA (*Homo sapiens*IGKV3-15*01 (87.4%) -IGKJ4*01 (100%)) CDR-IMGT [6.3.9] (27-32.50-52.89-97) (1'-107') -*Homo sapiens*IGKC*01 (100%) Km3 A45.1 (153), V101 (191) (108'-214')]; dimer (228-228":231-231")-bisdisulfide, produced in Chinese hamster ovary (CHO) cells, glycoform alfa (Source: WHO pINN list 123)

STRUCTURAL FORMULA

Heavy chain X, X''

EIVMTQSPAT	LSVSPGERAT	LSCKASQDVG	TSVAWYQQKP	GQAPRLLIYW	50
ITKGGGSTYY	PDSVKGRFTI	SRDNAKNTLY	LQMNSLRAED	TAVYYCARQT	100
NYDFTMDYWG	QGTLLTVSSA	STKGPSVFPL	APSSKSTSGG	TAALGCLVKD	150
YFPEPVTVSW	NSGALTSQVH	TFFPAVLQSSG	LYSLSSVTV	PSSSLGTQTY	200
ICNVNHKPSN	TKVDKVEPK	SCDKTHTCPP	CPAPELLGGP	SVFLFPPKPK	250
DTLMISRTPE	VTCVVVDVSH	EDPEVKFNWY	VDGVEVHNAK	TKPREEQYNS	300
TYRVVSVLTV	LHQDWLNGKE	YKCKVSNKAL	PAPIEKTISK	AKGQPREPQV	350
YTLPPSREEM	TKNQVSLTCL	VKGFYPSDIA	VEWESNGQPE	NNYKTTTPVL	400
DSDGSFFLYS	KLTVDKSRWQ	QGNVVFSCVM	HEALHNHYTQ	KSLSLSPGK	449

Light chain X', X''

EIVMTQSPAT	LSVSPGERAT	LSCKASQDVG	TSVAWYQQKP	GQAPRLLIYW	50'
ASARHTGIPA	RFSGSGSGTE	FTLTISSLQS	EDFAVYYCQQ	YSSYPLTFGG	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'''	134'-194'	134'''-194'''	146-202	146''-202''
214'-202	214'''-202'''	228-228''	231-231''	263-323	263'''-323'''	369-427	369''-427''

Glycosylation sites (N)

299	299''
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MOLECULAR FORMULA $C_{6446}H_{10008}N_{1714}O_{2013}S_{46}$

MOLECULAR WEIGHT 145.20 kDa

TRADEMARK	None as yet
SPONSOR	BeiGene, Ltd.
CODE DESIGNATIONS	BGB-A1217
<u>CAS</u> REGISTRY NUMBER	2342597-93-5
UNII	7JNY4KV3NK
WHO NUMBER	11452

gbk