

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-250) PERESOLIMAB

PRONUNCIATION pe" res oh' li mab

THERAPEUTIC CLAIM Immune inhibitor

CHEMICAL NAME

Immunoglobulin G1, anti-(human programmed cell death protein 1) (human monoclonal LY3462817  $\gamma$ 1-chain), disulfide with human monoclonal LY3462817  $\kappa$ -chain, dimer (Source: CAS)

STRUCTURAL FORMULA

Heavy chain

QVQLVQSGAE	VKKPGASVKV	SCKVSGYSLS	KYDMSWVRQA	PGKGLEWMGI	50
IYTSGYTDYA	QKFGQRTMT	EDTSTDTAYM	ELSSLRSED	AVYYCATGNP	100
YYTNGFNSWG	QGTLLTVSSA	STKGPSVFPL	APSSKSTSGG	TAALGCLVKD	150
YFPEPVTVSW	NSGALTSGVH	TFPAVLQSSG	LYSLSSVTV	PSSSLGTQTY	200
ICNVNHKPSN	TKVDKKVEPK	SCDKTHTCPP	CPAPELLGGP	SVFLFPPKPK	250
DTLMISRTP	VTCVVVDVSH	EDPEVKFNWY	VDGVEVHNAK	TKPREEQYNS	300
TYRVVSVLTV	LHQDWLNGKE	YKCKVSNKAL	PAPIEKTISK	AKGQPREPQV	350
YTLPPSRDEL	TKNQVSLTCL	VKGFYPSDIA	VEWESNGQPE	NNYKTTTPVL	400
DSDGSFFLYS	KLTVDKSRWQ	QGNVFSCSVM	HEALHNHYTQ	KSLSLSPGK	450

Light chain

DIQMTQSPSS	LSASVGDRV	ITCQASQSPN	NLLAWYQQKP	GKAPKLLIYG	50'
ASDLPSGVPS	RFSGSGSGTD	FTLTISLQ	EDFATYQCQN	NYVGPVSYA	100'
FGGGTKVEIK	RTVAAPSVFI	FPPSDEQLKS	GTASVVCLLN	NFYPREAKVQ	150'
WKVDNALQSG	NSQESVTEQD	SKDSTYSLSS	TLTLKADYE	KHKVYACEVT	200'
HQQLSSPVTK	SFNRGEC				220'

Disulfide bridges

22-95	22''-95''	23'-88'	23'''-88'''	137'-197'	137'''-197'''	146-202	146''-202''
217'-222	217''-222''	228-228''	231-231''	263-323	263''-323''	356-427	369''-427''

Glycosylation sites (N)

299	299''
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MOLECULAR FORMULA  $C_{6440}H_{9976}N_{1694}O_{2033}S_{46}$

MOLECULAR WEIGHT 145.13

TRADEMARK None as yet

SPONSOR Eli Lilly and Company

CODE DESIGNATIONS None

CAS REGISTRY NUMBER 2411580-63-5

UNII DI4N99Q6KK

WHO NUMBER 11958

gbk