

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (DE-88) CEMIPILIMAB

PRONUNCIATION se mip' li mab

THERAPEUTIC CLAIM Treatment of cancer

CHEMICAL NAMES

1. Immunoglobulin G4, anti-(human programmed cell death protein 1) (human monoclonal REGN2810 heavy chain), disulfide with human monoclonal REGN2810 κ -chain, dimer

STRUCTURAL FORMULA

Heavy Chain

EVQLLESGGV	LVQPGGSLRL	SCAASGFTFS	NFGMTWVRQA	PGKGLEWVSG	50
ISGGGRDITYF	ADSVKGRFTI	SRDNSKNTLY	LQMNSLKGED	TAVYYCVKWG	100
NIYFDYWGGQ	TLVTVSSAST	KGPSVFPLAP	CSRSTSESTA	ALGCLVKDYF	150
PEPVTVSWNS	GALTSGVHTF	PAVLQSSGLY	SLSSVTVVPS	SSLGKTYTC	200
NVDHKPSNTK	VDKRVESKYG	PPCPPCPAPE	FLGGPSVFLF	PPKPKDTLMI	250
SRTPEVTCVV	VDVSQEDPEV	QFNWYVDGVE	VHNAKTKPRE	EQFNSTYRVV	300
SVLTVLHQDW	LNGKEYKCKV	SNKGLPSSIE	KTISKAKGQP	REPQVYTLPP	350
SQEEMTKNQV	SLTCLVKGFY	PSDIAVEWES	NGQPENNYKT	TPPVLDSDGS	400
FFLYSRLTVD	KSRWQEGNVF	SCSVMHEALH	NHYTQKLSLSL	SLGK	444

Light Chain

DIQMTQSPSS	LSASVGSIT	ITCRASLSIN	TFLNWFYQKP	GKAPNLLIYA	50
ASSLHGVPSP	RFSGSGSGTD	FTLTIRTLQP	EDFATYYCQQ	SSNTPFTFGP	100
GTVVDFRRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150
DNALQSGNSQ	ESVTEQDSKD	STYLSLSTLT	LSKADYEKHK	VYACEVTHQG	200
LSSPVTKSFN	RGEC				214

Disulfide bridges

22-96	22''-96''	23-88'	23'''-88'''	131-214'	131''-214'''	134'-194'
134'''-194'''	144-200	144''-200''	223-223''	226-226''	258-318	258''-318''
364-422	364''-422''					

Glycosylation sites (N)

N294

MOLECULAR FORMULA $C_{6380}H_{9808}N_{1688}O_{2000}S_{44}$

MOLECULAR WEIGHT 143.6 kDa

TRADEMARK None as yet

SPONSOR Regeneron Pharmaceuticals

CODE DESIGNATIONS REGN2810

CAS REGISTRY NUMBER 1801342-60-8

UNII

6QVL057INT

WHO NUMBER

10691

gbk